Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	A	30	6	3						3				
A1	B	20	4	2						2				
A1	C	60	7	6						6				
A2	A	<10												
A2	B	<10												
A2	C	<10												
A3	A	0												
A3	B	0												
A3	C	0												
A4	A	< 10												
A4	B	< 10												
A4	C	< 10	2						2					
A5	A	8	4	1	1				4	1	1			
A5	B	16	1		1				1		1			
A5	C	4	1						1					
A6	A	0												
A6	B	0												
A6	C	0												
A7	A	7,5×102		75	5									
A7	B	6,2×101	62	9	1									
A7	C	1,03×102	87	12	2									
A8	A	28	28	3					28	3				
A8	B	9	9	1					9	1				
A8	C	42	41	5					41	5				
A9	A	35	35						35					
A9	B	31	31						31					
A9	C	32	32	1					32					
A10	A	-												
A10	B	-												
A10	C	-												
A11	A	-												
A11	B	-												
A11	C	-												
A12	A	8,2	8	1					8	1				
A12	B	2	2						2					
A12	C	3	3						3					
A13	A	<1												
A13	B	<1												
A13	C	1	1						1					
A14	A	-												
A14	B	-												
A14	C	-												

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies														
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	A	2,84762085	3,74124417	8,18181818	15,5316279	18,180389	o	o	o	o	o	4,92282221	5,63811599	8,484848485	12,2629702	13,5571194
A1	B	1,397175	2,00171706	5,45454545	11,8722431	14,2361023										
A1	C	5,07282627	6,29267325	11,8181818	20,2094502	23,1788904										
A2	A															
A2	B															
A2	C															
A3	A															
A3	B															
A3	C															
A4	A											0,10349182	0,24220949	2	7,22467749	9,27375631
A4	B															
A4	C	0,10349182	0,24220949	2	7,22467749	9,27375631										
A5	A	1,38458784	1,98368357	5,40540541	11,765286	14,1078492	o	o	o	o	o	1,00396889	1,31902839	2,884615385	5,47589446	6,40975253
A5	B	0,10246715	0,23981138	1,98019802	7,15314603	9,18193694										
A5	C	0,00501233	0,02531786	1	5,571631	7,43008288										
A6	A															
A6	B															
A6	C															
A7	A	534,904906	576,681935	727,272727	905,153492	964,141157	**	o	o	*	**	91,8059291	95,6148474	108,583691	122,820908	127,436966
A7	B	46,866364	50,752737	64,8648649	81,6865319	87,2797152										
A7	C	69,3621143	74,1136965	90,990991	110,562283	117,016711										
A8	A	16,8492397	19,148178	28,1818182	40,0018109	44,035429	o	*	**	o	o	19,6523613	21,1161818	26,36363636	32,5194592	34,5566113
A8	B	3,37900516	4,35944203	9,09090909	16,71849	19,4525746										
A8	C	27,6429985	30,6161675	41,8181818	55,7796183	60,4813281										
A9	A	21,6376525	24,3787679	35	48,6764922	53,3236625	o	o	o	o	o	24,2741203	25,9555759	31,93548387	38,8802972	41,1715804
A9	B	18,5341637	21,0629958	31	44,001992	48,4389719										
A9	C	18,2537674	20,6506245	30	42,1311308	46,2617002										
A10	A															
A10	B															
A10	C															
A11	A															
A11	B															
A11	C															
A12	A	2,84762085	3,74124417	8,18181818	15,5316279	18,180389	o	o	o	o	o	2,00988404	2,46900875	4,516129032	7,57729316	8,6567529
A12	B	0,10349182	0,24220949	2	7,22467749	9,27375631										
A12	C	0,33786668	0,61867096	3	8,76727228	10,9774305										
A13	A											0,00501233	0,02531786	1	5,571631	7,43008288
A13	B															
A13	C	0,00501233	0,02531786	1	5,571631	7,43008288										
A14	A															
A14	B															
A14	C															

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	A	3,37866676	6,1867096	30	87,6727228	109,774305	o	o	o	o	o	o	14,4044677	18,3038837	36,66666667	65,6067669	75,9306044
A1	B	1,03491817	2,42209491	20	72,2467749	92,7375631											
A1	C	15,368925	22,0188877	60	130,594675	156,597126											
A2	A																
A2	B																
A2	C																
A3	A																
A3	B																
A3	C																
A4	A												0,10349182	0,24220949	2	7,22467749	9,27375631
A4	B																
A4	C	0,10349182	0,24220949	2	7,22467749	9,27375631											
A5	A	1,38458784	1,98368357	5,40540541	11,765286	14,1078492	o	o	o	o	o	o	1,00396889	1,31902839	2,884615385	5,47589446	6,40975253
A5	B	0,10246715	0,23981138	1,98019802	7,15314603	9,18193694											
A5	C	0,00501233	0,02531786	1	5,571631	7,43008288											
A6	A																
A6	B																
A6	C																
A7	A																
A7	B																
A7	C																
A8	A	16,8492397	19,148178	28,1818182	40,0018109	44,035429	*	o	*	**	o	o	19,6523613	21,1161818	26,36363636	32,5194592	34,5566113
A8	B	3,37900516	4,35944203	9,09090909	16,71849	19,4525746											
A8	C	27,6429985	30,6161675	41,8181818	55,7796183	60,4813281											
A9	A	21,6376525	24,3787679	35	48,6764922	53,3236625	o	o	o	o	o	o	24,7931467	26,5203711	32,66666667	39,8101919	42,1676936
A9	B	18,5341637	21,0629958	31	44,001992	48,4389719											
A9	C	19,3048677	21,8879721	32	45,1744164	49,6651339											
A10	A																
A10	B																
A10	C																
A11	A																
A11	B																
A11	C																
A12	A	2,84762085	3,74124417	8,18181818	15,5316279	18,180389	o	o	o	o	o	o	2,00988404	2,46900875	4,516129032	7,57729316	8,6567529
A12	B	0,10349182	0,24220949	2	7,22467749	9,27375631											
A12	C	0,33786668	0,61867096	3	8,76727228	10,9774305											
A13	A												0,00501233	0,02531786	1	5,571631	7,43008288
A13	B																
A13	C	0,00501233	0,02531786	1	5,571631	7,43008288											
A14	A																
A14	B																
A14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	A	24	3	3	0	0	0	0	pinkish red	pinkish red	-	-	-	-	-	-	-	-	-	-
A1	B	9,3	3	2	0	0	0	0	pinkish red	pinkish red	-	-	-	-	-	-	-	-	-	-
A1	C	46	3	3	1	0	0	0	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-	-	-	-
A2	A	<3		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A2	B	<3		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A2	C	<3		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A3	A	0	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A3	B	0	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A3	C	0	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A4	A	2,3	3	0	0	0	0	0	yellow	-	-	-	-	-	biochemical	-	-	-	-	-
A4	B	9,3	3	2	0	0	0	0	yellow	yellow	-	-	-	-	biochemical	biochemical	-	-	-	-
A4	C	24	3	3	0	0	0	0	yellow	yellow	-	-	-	-	biochemical	biochemical	-	-	-	-
A5	A	3600	3	2	2	2	3	1	gray-yellow	gray-yellow	gray-yellow	gray-yellow	gray-yellow	gray-yellow	-	-	-	bio	bio	bio
A5	B	7	3	1	0	1	0	0	gray-yellow	gray-yellow	-	gray-yellow	-	-	-	bio	-	bio	-	-
A5	C	140	3	0	2	0	1	2	gray-yellow	-	gray-yellow	-	gray-yellow	gray-yellow	-	-	bio	-	-	bio
A6	A	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A6	B	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A6	C	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A7	A	1,1×103	3	3	3	2	0	0	light pink	light pink	light pink	light pink	-	-	serological	serological	serological	serological	-	-
A7	B	1,1×102	3	3	2	0	0	0	light pink	light pink	light pink	-	-	-	serological	serological	serological	-	-	-
A7	C	1,1×102	3	3	2	0	0	0	light pink	light pink	light pink	-	-	-	serological	serological	serological	-	-	-
A8	A	4,3	2	1	0	0	0	0	pinkish	pinkish	-	-	-	-	biochemical	biochemical	-	-	-	-
A8	B	110	2	3	0	0	0	0	pinkish	pinkish	-	-	-	-	biochemical	biochemical	-	-	-	-
A8	C	24	2	2	2	0	0	0	pinkish	pinkish	pinkish	-	-	-	biochemical	biochemical	biochemical	-	-	-
A9	A	4,3	3	1	0	0	0	0	Pink	Pink	-	-	-	-	API 20 E	API 20 E	-	-	-	-
A9	B	9,3	3	2	0	0	0	0	pink	pink	-	-	-	-	API 20 E	API 20 E	-	-	-	-
A9	C	0,93	2	0	0	0	0	0	pink	-	-	-	-	-	API 20 E	-	-	-	-	-
A10	A	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A10	B	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A10	C	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A11	A	7,2	1	0	0	1	0	0	shred black c	-	-	shred black c	-	-	hemical/Serold	-	-	hemical/Serold	-	-
A11	B	110	2	3	1	0	0	0	shred black c	shred black c	shred black c	-	-	-	hemical/Serol	hemical/Serol	hemical/Serold	-	-	-
A11	C	24	3	3	0	0	0	0	shred black c	shred black c	-	-	-	-	hemical/Serol	hemical/Serol	-	-	-	-
A12	A	2,1.100	2	2	0	0	0	0	deep pink	deep pink	-	-	-	-	serological	serological	-	-	-	-
A12	B	2,0.102	3	1	2	1	1	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
A12	C	3,5.100	2	2	2	0	0	0	deep pink	deep pink	deep pink	-	-	-	serological	serological	serological	-	-	-
A13	A	0	3	0	0	0	0	0	edges, one o	-	-	-	-	-	-	-	-	-	-	-
A13	B	0	3	1	0	0	0	0	edges, one o	edges, one o	-	-	-	-	-	-	-	-	-	-
A13	C	0	3	2	0	0	0	0	-	edges, one o	-	-	-	-	-	-	-	-	-	-
A14	A	<0,3	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A14	B	24	3	3	0	0	0	0	red	red	-	-	-	-	0	ion, serologica	-	-	-	-
A14	C	2,3	3	0	0	0	0	0	red	-	-	-	-	-	-	-	-	-	-	-

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
A1	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
A1	B	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
A1	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
A2	A	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0.3
A2	B	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0.3
A2	C	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0.3
A3	A	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	0/0/0	0
A3	B	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	0/0/0	0
A3	C	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	0/0/0	0
A4	A	1	-	-	-	-	-	3	0	0	0	0	0	3/0/0	2,3
A4	B	1	1	-	-	-	-	3	2	0	0	0	0	3/2/0	9,3
A4	C	1	1	-	-	-	-	3	3	0	0	0	0	3/3/0	24
A5	A	-	-	-	2	1	1	-	-	-	2	1	1	2/3/1	3,6
A5	B	-	1	-	1	-	-	-	1	-	1	-	-	1/0/1	0,72
A5	C	-	-	1	-	-	2	-	-	1	-	-	2	2/0/1	1,4
A6	A	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
A6	B	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
A6	C	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
A7	A	3	3	3	3	-	-	3	3	3	2	-	-	3/3/2	110
A7	B	3	3	3	-	-	-	3	3	2	-	-	-	3/3/2	110
A7	C	3	3	3	-	-	-	3	3	2	-	-	-	3/3/2	110
A8	A	2	1	-	-	-	-	2	1	-	-	-	-	3/1/0	4,3
A8	B	2	3	-	-	-	-	2	3	-	-	-	-	3/3/2	110
A8	C	2	2	2	-	-	-	2	2	2	-	-	-	3/3/0	24
A9	A	3	1	-	-	-	-	Good id Salm	Good id Salm	-	-	-	-	3/1/0	4,3
A9	B	2	2	-	-	-	-	2Good id Salm	2Good id Salm	-	-	-	-	3/2/0	9,3
A9	C	2	-	-	-	-	-	2Good id Salm	-	-	-	-	-	2/0/0	0,93
A10	A	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30
A10	B	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30
A10	C	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30
A11	A	5/plate	-	-	3/plate	-	-	1	0	-	1	-	-	1/0/1	0,72
A11	B	3/plate	3/plate	3/plate	-	-	-	2	3	1	-	-	-	3/3/2	110
A11	C	3/plate	3/plate	-	-	-	-	3	3	-	-	-	-	3/3/0	24
A12	A	2per plate	2per plate	-	-	-	-	-	-	-	-	-	-	2/2/0	2,1
A12	B	2per plate	2per plate	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	2/1/1	2,0
A12	C	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	-	-	2/2/2	3,5
A13	A	-	-	-	-	-	-	-	-	-	-	-	-	3/0/0	0,94
A13	B	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
A13	C	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
A14	A	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,3
A14	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
A14	C	-	-	-	-	-	-	-	-	-	-	-	-	3/0/0	2,3

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	A	3	3	0	0	0	0	pink	pink	-	-	-	-
A1	B	3	2	0	0	0	0	pink	pink	-	-	-	-
A1	C	3	3	1	0	0	0	pink	pink	pink	-	-	-
A2	A		0	0	0	0	0	-	-	-	-	-	-
A2	B		0	0	0	0	0	-	-	-	-	-	-
A2	C		0	0	0	0	0	-	-	-	-	-	-
A3	A	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A3	B	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A3	C	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A4	A	3	0	0	0	0	0	pink	-	-	-	-	-
A4	B	3	2	0	0	0	0	pink	pink	-	-	-	-
A4	C	3	3	0	0	0	0	pink	pink	-	-	-	-
A5	A	3	2	2	2	3	1	pink	pink	pink	pink	pink	pink
A5	B	3	1	0	1	0	0	pink	pink	-	pink	-	-
A5	C	3	1	2	0	1	2	pink	pink	pink	-	pink	pink
A6	A	0	0	0	0	0	0	-	-	-	-	-	-
A6	B	0	0	0	0	0	0	-	-	-	-	-	-
A6	C	0	0	0	0	0	0	-	-	-	-	-	-
A7	A	3	3	3	2	0	0	pink, flat	pink, flat	pink, flat	pink, flat	-	-
A7	B	3	3	2	0	0	0	pink, flat	pink, flat	pink, flat	-	-	-
A7	C	3	3	2	0	0	0	pink, flat	pink, flat	pink, flat	-	-	-
A8	A	3	1	0	0	0	0	pink	pink	-	-	-	-
A8	B	3	3	2	0	0	0	pink	pink	pink	-	-	-
A8	C	3	3	3	0	0	0	pink	pink	pink	-	-	-
A9	A	3	1	0	0	0	0	Pink	Pink	-	-	-	-
A9	B	3	2	0	0	0	0	pink	pink	-	-	-	-
A9	C	2	0	0	0	0	0	pink	-	-	-	-	-
A10	A	0	0	0	0	0	0	-	-	-	-	-	-
A10	B	0	0	0	0	0	0	-	-	-	-	-	-
A10	C	0	0	0	0	0	0	-	-	-	-	-	-
A11	A	0	1	0	1	0	0	pink	pink	-	pink	-	-
A11	B	3	3	2	0	0	0	pink	pink	pink	-	-	-
A11	C	3	3	0	0	0	0	pink	pink	-	-	-	-
A12	A	2	2	0	0	0	0	deep pink	deep pink	-	-	-	-
A12	B	3	2	2	1	1	0	deep pink	deep pink	deep pink	deep pink	deep pink	-
A12	C	2	2	2	0	0	0	deep pink	deep pink	deep pink	-	-	-
A13	A	3	0	0	0	0	0	gh-edged colo	-	-	-	-	-
A13	B	3	1	0	0	0	0	gh-edged colo	gh-edged colo	-	-	-	-
A13	C	3	2	0	0	0	0	gh-edged colo	gh-edged colo	-	-	-	-
A14	A	0	0	0	0	0	0	-	-	-	-	-	-
A14	B	3	3	0	0	0	0	pink	pink	-	-	-	-
A14	C	3	0	0	0	0	0	pink	-	-	-	-	-

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-2 : observed results by the participants (following)

		Rambach-Confirmation tests description						Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A1	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A1	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A2	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A2	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A3	A	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A3	B	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A3	C	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC	TNTC
A4	A	biochemical	-	-	-	-	-	1	-	-	-	-	-	1	0	0	0	0	0
A4	B	biochemical	biochemical	-	-	-	-	1	1	-	-	-	-	3	2	0	0	0	0
A4	C	biochemical	biochemical	-	-	-	-	1	1	-	-	-	-	3	3	0	0	0	0
A5	A	-	-	-	bio	bio	bio	-	-	-	2	1	1	-	-	-	2	1	1
A5	B	-	bio	-	bio	-	-	-	1	-	1	-	-	-	1	-	1	-	-
A5	C	-	-	bio	-	bio	bio	-	-	2	-	1	1	-	-	2	-	1	1
A6	A	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
A6	B	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
A6	C	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
A7	A	serological	serological	serological	serological	-	-	3	3	3	3	-	-	3	3	3	2	-	-
A7	B	serological	serological	serological	-	-	-	3	3	3	-	-	-	3	3	2	-	-	-
A7	C	serological	serological	serological	-	-	-	3	3	3	-	-	-	3	3	2	-	-	-
A8	A	biochemical	biochemical	-	-	-	-	3	1	-	-	-	-	3	1	-	-	-	-
A8	B	biochemical	biochemical	biochemical	-	-	-	3	3	2	-	-	-	3	3	2	-	-	-
A8	C	biochemical	biochemical	biochemical	-	-	-	3	3	3	-	-	-	3	3	3	-	-	-
A9	A	API 20 E	API 20 E	-	-	-	-	1	1	-	-	-	-	1	Good id Salm	-	-	-	-
A9	B	API 20 E	API 20 E	-	-	-	-	2	2	-	-	-	-	2Good id Salm	2Good id Salm	-	-	-	-
A9	C	API 20 E	-	-	-	-	-	2	-	-	-	-	-	2Good id Salm	-	-	-	-	-
A10	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A10	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A10	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A11	A	hemical/Serolo	hemical/Serolo	-	hemical/Serolo	-	-	-	5/plate	-	5/plate	-	-	-	1	-	1	-	-
A11	B	hemical/Serolo	hemical/Serolo	hemical/Serolo	-	-	-	5/plate	5/plate	5/plate	-	-	-	3	3	2	-	-	-
A11	C	hemical/Serolo	hemical/Serolo	-	-	-	-	5/plate	5/plate	-	-	-	-	3	3	-	-	-	-
A12	A	serological	serological	-	-	-	-	2per plate	2per plate	-	-	-	-	2per plate	-	-	-	-	-
A12	B	serological	serological	serological	serological	serological	-	2per plate	2per plate	2per plate	2per plate	2per plate	-	-	-	-	-	-	-
A12	C	serological	serological	serological	-	-	-	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	-	-
A13	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A13	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A13	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A14	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A14	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A14	C	ion, serologica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-2 : calculated results from intermediate values

XLD																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	A	1,48593564	2,46603934	23,02675	135,518941	197,696964	o	o	o	o	o	o	6,36768728	8,2727213	18,92264	43,2827713	56,2317665
A1	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A1	C	3,07609681	5,94292159	42,39259	254,683025	320,626932											
A2	A																
A2	B																
A2	C																
A3	A																
A3	B																
A3	C																
A4	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	2,36015754	3,0662507	7,0136	16,0425842	20,8420769
A4	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A4	C	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A5	A	6,60693448	11,1686325	66,22426	254,683025	320,626932	o	o	o	o	o	o	7,36492586	9,56830578	21,8861	50,0612527	65,0381799
A5	B	0,71121351	1,11686325	7,27945	25,7039578	32,8095293											
A5	C	1,48593564	2,46603934	15,47932	49,6592321	65,7657837											
A6	A																
A6	B																
A6	C																
A7	A	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	55,2819456	71,8207583	164,27948	375,765283	488,18375
A7	B	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A7	C	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A8	A	0,15417005	0,32658783	1,46622	4,96592321	6,57657837	o	o	o	o	o	o	0,85213142	1,10706532	2,53225	5,7921515	7,52500131
A8	B	0,34994517	0,64863443	2,8484	13,5518941	19,8609492											
A8	C	0,34994517	0,64863443	3,46866	13,5518941	19,8609492											
A9	A	0,34994517	0,64863443	4,23895	25,7039578	32,8095293	o	o	o	o	o	o	0,86104898	1,11865076	2,55875	5,85276638	7,60375046
A9	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A9	C	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
A10	A																
A10	B																
A10	C																
A11	A	0,04852885	0,09162205	0,72117	2,57039578	3,28095293	o	o	o	o	o	o	0,85128678	1,10596798	2,52974	5,78641025	7,51754243
A11	B	0,34994517	0,64863443	3,59444	13,5518941	19,8609492											
A11	C	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A12	A	0,15417005	0,32658783	2,10212	4,96592321	6,57657837	o	o	o	o	o	o	1,41974568	1,84449389	4,21901	9,6503683	12,5374887
A12	B	1,48593564	2,46603934	19,44084	49,6592321	65,7657837											
A12	C	0,34994517	0,64863443	3,46866	13,5518941	19,8609492											
A13	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	1,42645572	1,85321139	4,23895	9,69597813	12,5967437
A13	B	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
A13	C	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A14	A								o	o			0,49339999	0,64101148	1,46622	3,3537638	4,35711617
A14	B	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A14	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-2 : calculated results from intermediate values

		Rambach															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	A	1,48593564	2,46603934	23,02675	135,518941	197,696964	o	o	o	o	o	o	6,36768728	8,2727213	18,92264	43,2827713	56,2317665
A1	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A1	C	3,07609681	5,94292159	42,39259	254,683025	320,626932											
A2	A																
A2	B																
A2	C																
A3	A																
A3	B																
A3	C																
A4	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	2,36015754	3,0662507	7,0136	16,0425842	20,8420769
A4	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A4	C	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A5	A	6,60693448	11,1686325	66,22426	254,683025	320,626932	o	o	o	o	o	o	8,65495642	11,2442774	25,71964	58,8299147	76,4301805
A5	B	0,71121351	1,11686325	7,27945	25,7039578	32,8095293											
A5	C	3,07609681	5,94292159	23,54218	135,518941	197,696964											
A6	A																
A6	B																
A6	C																
A7	A	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	55,2819456	71,8207583	164,27948	375,765283	488,18375
A7	B	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A7	C	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A8	A	0,34994517	0,64863443	4,23895	25,7039578	32,8095293	o	o	o	o	o	o	8,16360915	10,6059328	24,25952	55,4901038	72,0911915
A8	B	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A8	C	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
A9	A	0,34994517	0,64863443	4,23895	25,7039578	32,8095293	o	o	o	o	o	o	0,86104898	1,11865076	2,55875	5,85276638	7,60375046
A9	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A9	C	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
A10	A																
A10	B																
A10	C																
A11	A						*	**	o	o	*	**	1,01560538	1,31944611	3,01804	6,90332508	8,96860695
A11	B	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A11	C	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A12	A	0,15417005	0,32658783	2,10212	4,96592321	6,57657837	*	o	o	o	o	o	1,56049164	2,02734711	4,63726	10,607054	13,780388
A12	B	3,07609681	5,94292159	34,57381	135,518941	197,696964											
A12	C	0,34994517	0,64863443	3,46866	13,5518941	19,8609492											
A13	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	1,42645572	1,85321139	4,23895	9,69597813	12,5967437
A13	B	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
A13	C	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A14	A								o	o			0,49339999	0,64101148	1,46622	3,3537638	4,35711617
A14	B	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A14	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
A1	A	Presence	>100	-	-	-	-	>100	pink	API20E	1	1
A1	B	Presence	>100	pink	-	-	-	>100	pink	-	-	-
A1	C	Presence	>100	pink	-	-	-	>100	pink	-	-	-
A2	A	Presence	-	-	-	-	-	Presence	Pink	-	-	-
A2	B	Presence	-	-	-	-	-	P	Pink	-	-	-
A2	C	Presence	-	-	-	-	-	P	Pink	-	-	-
A3	A	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
A3	B	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
A3	C	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
A4	A	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
A4	B	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
A4	C	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
A5	A	Presence	presence	pink	bio	1	1	presence	pink	bio	1	1
A5	B	Presence	presence	pink	bio	1	1	presence	pink	bio	1	1
A5	C	Presence	presence	pink	bio	1	1	presence	pink	bio	1	1
A6	A	Presence	P	pink	serological	3	3	P	pink	serological	3	3
A6	B	Presence	P	pink	serological	3	3	P	pink	serological	3	3
A6	C	Presence	P	pink	serological	3	3	P	pink	serological	3	3
A7	A	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	B	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	C	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
A8	A	Presence	presence (28)	pink	Biochemical	3	3	presence (24)	pink	Biochemical	3	3
A8	B	Presence	presence (23)	pink	Biochemical	3	3	presence (19)	pink	Biochemical	3	3
A8	C	Presence	presence (15)	pink	Biochemical	3	3	absence	-	-	-	-
A9	A	Presence	Present	pink	API 20 E	2	2Good id Salm	Present	pink	API 20 E	2	2Good id Salm
A9	B	Presence	Present	pink	API 20 E	2	2Good id Salm	Present	pink	API 20 E	2	2Good id Salm
A9	C	Presence	Present	pink	API 20 E	2	2Good id Salm	Present	pink	API 20 E	2	2Good id Salm
A10	A	Absence	A	-	-	-	-	A	-	-	-	-
A10	B	Absence	A	-	-	-	-	A	-	-	-	-
A10	C	Absence	A	-	-	-	-	A	-	-	-	-
A11	A	Presence	130	pink	iochemical/Serologica	5/plate	5	110	pink	iochemical/Serologica	5/plate	5
A11	B	Presence	210	pink	iochemical/Serologica	5/plate	5	70	pink	iochemical/Serologica	5/plate	4
A11	C	Presence	250	pink	iochemical/Serologica	5/plate	5	90	pink	iochemical/Serologica	5/plate	4
A12	A	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
A12	B	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
A12	C	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
A13	A	0	Presence	ght red and colonies r	API20E	1	1	Presence	ght red and colonies r	API20E	1	1
A13	B	0	Presence	ght red and colonies r	API20E	1	1	Presence	ght red and colonies r	API20E	1	1
A13	C	0	Presence	ght red and colonies r	API20E	1	1	Presence	ght red and colonies r	API20E	1	1
A14	A	Presence	presence	red	-	3	3	presence	red	-	3	3
A14	B	Presence	presence	red	tination, serological ag	3	3	presence	red	tination, serological ag	3	3
		Presence	presence	red	-	3	3	presence	red	-	3	3

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 1

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
A1	A	>100	-	-	-	-	>100	pinkish red	API20E	1	1
A1	B	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
A1	C	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
A2	A	-	-	-	-	-	-	-	-	-	-
A2	B	-	-	-	-	-	-	-	-	-	-
A2	C	-	-	-	-	-	-	-	-	-	-
A3	A	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
A3	B	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
A3	C	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
A4	A	Presence	yellow/pink	biochemical	2	2	Presence	yellow	biochemical	1	1
A4	B	Presence	yellow/pink	biochemical	2	2	Presence	yellow	biochemical	1	1
A4	C	Presence	yellow/pink	biochemical	2	2	Presence	yellow	biochemical	1	1
A5	A	presence	gray-yellow	bio	1	1	presence	gray-yellow	bio	1	1
A5	B	presence	gray-yellow	bio	1	1	presence	gray-yellow	bio	1	1
A5	C	presence	gray-yellow	bio	1	1	presence	gray-yellow	bio	1	1
A6	A	P	white	serological	3	3	P	white	serological	3	3
A6	B	P	white	serological	3	3	P	white	serological	3	3
A6	C	P	white	serological	3	3	P	white	serological	3	3
A7	A	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	B	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	C	P	light pink	serological	3	3	P	light pink	serological	3	3
A8	A	absence	-	-	-	-	presence (16)	pinkish	biochemical	3	3
A8	B	absence	-	-	-	-	presence (16)	pinkish	biochemical	3	3
A8	C	absence	-	-	-	-	presence (25)	pinkish	biochemical	3	3
A9	A	Present	pink and yellow	API 20 E	2	2Good id Salm	Present	pink	API 20 E	2	2Good id Salm
A9	B	Present	pink and yellow	API 20 E	2	2Good id Salm	Present	pink	API 20 E	2	2Good id Salm
A9	C	Present	pink and yellow	API 20 E	2	2Good id Salm	Present	pink	API 20 E	2	2Good id Salm
A10	A	A	-	-	-	-	A	-	-	-	-
A10	B	A	-	-	-	-	A	-	-	-	-
A10	C	A	-	-	-	-	A	-	-	-	-
A11	A	0	black	ochemical/Serologic	-	-	0	black	ochemical/Serologic	-	-
A11	B	0	black	ochemical/Serologic	-	-	0	black	ochemical/Serologic	-	-
A11	C	0	black	ochemical/Serologic	-	-	0	black	ochemical/Serologic	-	-
A12	A	presence	colourless	serological	3	3	presence	colourless	serological	3	3
A12	B	presence	colourless	serological	3	3	presence	colourless	serological	3	3
A12	C	presence	colourless	serological	3	3	presence	colourless	serological	3	3
A13	A	Presence	ll. There are also ma	API20E	1	1	Presence	ll. There are also ma	API20E	1	1
A13	B	Presence	nd colonies. Colonie	API20E	1	1	Presence	ll. There are also ma	API20E	1	1
A13	C	Presence	nd colonies. Colonie	API20E	1	1	Presence	ll. There are also ma	API20E	1	1
A14	A	presence	red	nation, serological c	3	3	presence	red	nation, serological c	3	3
A14	B	presence	red	-	3	3	presence	red	-	3	3
		presence	red	-	3	3	presence	red	-	3	3

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	D	70	9	7						7				
A1	E	40	6	4						4				
A1	F	79,279279	70	12					70	12				
A2	D	<10												
A2	E	<10												
A2	F	<10												
A3	D	0												
A3	E	0												
A3	F	0												
A4	D	< 10	9	2					9	2				
A4	E	< 10	6						6					
A4	F	< 10	9						9					
A5	D	6	3						3					
A5	E	0												
A5	F	16	1						1					
A6	D	0												
A6	E	0												
A6	F	0												
A7	D	8,75×102		55	12									
A7	E	7,4×102		74	7									
A7	F	3,3×102		33	5									
A8	D	35	35	3					35	3				
A8	E	46	45	6					45	6				
A8	F	54	52	7					52	7				
A9	D	43	43						43					
A9	E	30(Estimate)		3						3				
A9	F	45	45						45					
A10	D	-												
A10	E	-												
A10	F	-												
A11	D	-												
A11	E	-												
A11	F	-												
A12	D	1,0.101	10						10					
A12	E	4	4						4					
A12	F	1,0.102			1						1			
A13	D	5	5						5					
A13	E	1	3						1					
A13	F	3	4						3					
A14	D	-	1											
A14	E	-	1	1										
A14	F	-	1											

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	D	6,8790992	8,31399575	14,54545455	23,6209189	26,8016857	o	o	*	**	*	**	25,184828	26,8468048	32,72727273	39,512926	41,7474151
A1	E	3,37900516	4,35944203	9,090909091	16,71849	19,4525746											
A1	F	55,0484763	59,2882239	74,54545455	92,5305258	98,4908891											
A2	D																
A2	E																
A2	F																
A3	D																
A3	E																
A3	F																
A4	D	3,92849119	4,99196829	10	17,8927546	20,7083466	o	o	o	o	o	o	4,75501244	5,47873105	8,387096774	12,2890424	13,6293166
A4	E	1,5368925	2,20188877	6	13,0594675	15,6597126											
A4	F	3,13238293	4,11536858	9	17,0847907	19,9984279											
A5	D	0,33786668	0,61867096	3	8,76727228	10,9774305					o	o	0,33610068	0,54493116	2	5,12080018	6,29701372
A5	E																
A5	F	0,00501233	0,02531786	1	5,571631	7,43008288											
A6	D																
A6	E																
A6	F																
A7	D	434,49183	472,036941	609,0909091	773,523502	828,303032	o	o	*	**	o	o	462,877761	485,542625	563,6363636	650,716028	679,088095
A7	E	542,69132	584,779268	736,3636364	915,232543	974,528399											
A7	F	218,165248	244,464025	345,4545455	474,163043	517,775878											
A8	D	21,8165248	24,4464025	34,54545455	47,4163043	51,7775878	o	o	o	o	o	o	35,9220244	37,9142028	44,84848485	52,6839436	55,2474807
A8	E	31,3477971	34,5207797	46,36363636	60,9596147	65,8597205											
A8	F	37,3569757	40,8304675	53,63636364	69,186969	74,3856712											
A9	D	27,9862891	31,1193164	43	57,9207364	62,956141	o	o	o	o	o	o	32,5270565	34,8893158	43,33333333	53,2037193	56,4665638
A9	E	3,37866676	6,1867096	30	87,6727228	109,774305											
A9	F	29,5981635	32,8232961	45	60,213517	65,3405915											
A10	D																
A10	E																
A10	F																
A11	D																
A11	E																
A11	F																
A12	D	3,71690568	4,79538624	10	18,390339	21,397832	o	o	o	o	o	o	3,4295228	4,17680492	7,462686567	12,3085659	14,0119384
A12	E	0,67220137	1,08986233	4	10,2416004	12,5940274											
A12	F	0,50123333	2,53178561	100	557,1631	743,008288											
A13	D	1,07792269	1,62348175	5	11,6683301	14,1498299	o	o	o	o	o	o	1,64769978	2,06685764	4	6,98718965	8,04829624
A13	E	0,33786668	0,61867096	3	8,76727228	10,9774305											
A13	F	0,67220137	1,08986233	4	10,2416004	12,5940274											
A14	D	0,00501233	0,02531786	1	5,571631	7,43008288	o	o	o	o	o	o	0,21683915	0,35156849	1,290322581	3,30374205	4,06258949
A14	E	0,09408347	0,22019045	1,818181818	6,56788863	8,43068756											
A14	F	0,00501233	0,02531786	1	5,571631	7,43008288											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	D	20,3732941	28,1436191	70	144,226623	171,335267	o	o	o	o	o	o	53,8756271	57,7407495	71,53846154	87,6394282	92,959463
A1	E	6,72201368	10,8986233	40	102,416004	125,940274											
A1	F	55,0484763	59,2882239	74,54545455	92,5305258	98,4908891											
A2	D																
A2	E																
A2	F																
A3	D																
A3	E																
A3	F																
A4	D	3,92849119	4,99196829	10	17,8927546	20,7083466	o	o	o	o	o	o	4,75501244	5,47873105	8,387096774	12,2890424	13,6293166
A4	E	1,5368925	2,20188877	6	13,0594675	15,6597126											
A4	F	3,13238293	4,11536858	9	17,0847907	19,9984279											
A5	D	0,33786668	0,61867096	3	8,76727228	10,9774305					o	o	0,33610068	0,54493116	2	5,12080018	6,29701372
A5	E																
A5	F	0,00501233	0,02531786	1	5,571631	7,43008288											
A6	D						o	o	o	o	o	o					
A6	E																
A6	F																
A7	D						o	o	o	o	o	o					
A7	E																
A7	F																
A8	D	21,8165248	24,4464025	34,54545455	47,4163043	51,7775878	o	o	o	o	o	o	35,9220244	37,9142028	44,84848485	52,6839436	55,2474807
A8	E	31,3477971	34,5207797	46,36363636	60,9596147	65,8597205											
A8	F	37,3569757	40,8304675	53,63636364	69,186969	74,3856712											
A9	D	27,9862891	31,1193164	43	57,9207364	62,956141	o	o	o	o	o	o	32,5270565	34,8893158	43,33333333	53,2037193	56,4665638
A9	E	3,37866676	6,1867096	30	87,6727228	109,774305											
A9	F	29,5981635	32,8232961	45	60,213517	65,3405915											
A10	D																
A10	E																
A10	F																
A11	D																
A11	E																
A11	F																
A12	D	3,71690568	4,79538624	10	18,390339	21,397832	o	o	o	o	o	o	3,4295228	4,17680492	7,462686567	12,3085659	14,0119384
A12	E	0,67220137	1,08986233	4	10,2416004	12,5940274											
A12	F	0,50123333	2,53178561	100	557,1631	743,008288											
A13	D	1,07792269	1,62348175	5	11,6683301	14,1498299	o	o	o	o	o	o	1,04412764	1,37178953	3	5,69493024	6,66614263
A13	E	0,00501233	0,02531786	1	5,571631	7,43008288											
A13	F	0,33786668	0,61867096	3	8,76727228	10,9774305											
A14	D																
A14	E																
A14	F																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol		
	o	Normal, compatible with expected dispersion regarding the Poisson distribution
	*	Significantly different from expected dispersion regarding the Poisson distribution
	**	Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	D	110	3	3	2	0	0	0	pinkish red	pinkish red	pinkish red	-	-	-	-	API20E	-	-	-	-
A1	E	110	3	3	2	0	0	0	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-	-	-	-
A1	F	110	3	3	2	0	0	0	pinkish red	pinkish red	pinkish red	-	-	-	-	API20E	-	-	-	-
A2	D	<3		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A2	E	<3		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A2	F	<3		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A3	D	24	3	3	0	0	0	0	yellow-pink	yellow-pink	-	-	-	-	Serological	Serological	-	-	-	-
A3	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	D	460	3	3	1	0	0	0	yellow	yellow	yellow	-	-	-	biochemical	biochemical	biochemical	-	-	-
A4	E	43	3	1	0	0	0	0	yellow	yellow	-	-	-	-	biochemical	biochemical	-	-	-	-
A4	F	75	3	1	1	0	0	0	yellow	yellow	yellow	-	-	-	biochemical	biochemical	biochemical	-	-	-
A5	D	2100	3	2	0	2	2	0	gray-yellow	gray-yellow	-	gray-yellow	gray-yellow	-	-	-	-	bio	bio	-
A5	E	2700	3	2	1	2	1	1	gray-yellow	gray-yellow	gray-yellow	gray-yellow	gray-yellow	gray-yellow	-	-	-	bio	bio	bio
A5	F	2700	3	1	2	2	1	2	gray-yellow	gray-yellow	gray-yellow	gray-yellow	gray-yellow	gray-yellow	-	-	-	bio	bio	bio
A6	D	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A6	E	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A6	F	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A7	D	1,1×103	3	3	3	2	0	0	light pink	light pink	light pink	light pink	-	-	serological	serological	serological	serological	-	-
A7	E	1,5×103	3	3	3	2	1	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
A7	F	1,1×103	3	3	3	2	0	0	light pink	light pink	light pink	light pink	-	-	serological	serological	serological	serological	-	-
A8	D	43	3	2	3	0	0	0	pinkish	pinkish	pinkish	-	-	-	biochemical	biochemical	biochemical	-	-	-
A8	E	140	1	1	2	0	1	0	pinkish	pinkish	pinkish	-	pinkish	-	biochemical	biochemical	biochemical	-	biochemical	-
A8	F	21	3	2	2	1	0	0	pinkish	pinkish	pinkish	pinkish	-	-	biochemical	biochemical	biochemical	biochemical	-	-
A9	D	46	3	3	1	0	0	0	Pink	Pink	Pink	-	-	-	API 20 E	API 20 E	API 20 E	-	-	-
A9	E	9,3	3	2	0	0	0	0	Pink	Pink	-	-	-	-	API 20 E	API 20 E	-	-	-	-
A9	F	3,8	3	0	1	0	0	0	Pink	-	Pink	-	-	-	API 20 E	-	API 20 E	-	-	-
A10	D	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A10	E	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A10	F	<0,30	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A11	D	240	1	3	3	0	0	0	ishred-blackce	ishred-blackce	ishred-blackce	-	-	-	hemical/Serol	hemical/Serol	hemical/Serol	-	-	-
A11	E	43	0	3	0	0	0	0	-	ishred-blackce	-	-	-	-	hemical/Serol	hemical/Serol	hemical/Serol	-	-	-
A11	F	93	3	3	2	0	0	0	ishred-blackce	ishred-blackce	ishred-blackce	-	-	-	hemical/Serol	hemical/Serol	hemical/Serol	-	-	-
A12	D	2,0.102	3	3	2	1	1	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
A12	E	4,6.101	3	3	1	0	0	0	deep pink	deep pink	deep pink	-	-	-	serological	serological	serological	-	-	-
A12	F	2,8.100	2	1	1	0	0	0	deep pink	deep pink	deep pink	-	-	-	serological	serological	serological	-	-	-
A13	A	9	3	2	0	0	0	0	edges, one o	edges, some o	-	-	-	-	-	-	-	-	-	-
A13	B	9	3	2	0	0	0	0	edges, one o	edges, half of	-	-	-	-	-	-	-	-	-	-
A13	C	24	3	3	0	0	0	0	edges, one o	olor of colonie	-	-	-	-	-	-	-	-	-	-
A14	D	46	3	3	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A14	E	24	3	3	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A14	F	2,3	3	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
A1	D	-	1	-	-	-	-	-	3	-	-	-	-	3/3/2	110
A1	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
A1	F	-	1	-	-	-	-	-	3	-	-	-	-	3/3/2	110
A2	D	-	-	-	-	-	-	-	-	-	-	-	-	0	<0.3
A2	E	-	-	-	-	-	-	-	-	-	-	-	-	0	<0.3
A2	F	-	-	-	-	-	-	-	-	-	-	-	-	0	<0.3
A3	D	1	1	-	-	-	-	1	1	-	-	-	-	3/3/0	24
A3	E	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	0
A3	F	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	0
A4	D	1	1	1	-	-	-	3	3	1	0	0	0	3/3/1	46
A4	E	1	1	-	-	-	-	3	1	0	0	0	0	3/1/0	4,3
A4	F	1	1	1	-	-	-	3	1	1	0	0	0	3/1/1	7,5
A5	D	-	-	-	2	2	-	-	-	-	2	2	-	2/2/0	2,1
A5	E	-	-	-	2	1	1	-	-	-	2	1	1	2/1/2	2,7
A5	F	-	-	-	2	1	1	-	-	-	2	1	1	2/1/2	2,7
A6	D	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
A6	E	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
A6	F	0	0	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
A7	D	3	3	3	3	-	-	3	3	3	2	-	-	3/3/2	110
A7	E	3	3	3	3	3	-	3	3	3	2	1	-	3/2/1	15
A7	F	3	3	3	3	-	-	3	3	3	2	-	-	3/3/2	110
A8	D	3	2	3	-	-	-	3	2	3	-	-	-	3/3/1	46
A8	E	1	1	2	-	1	-	1	1	2	-	1	-	2/0/1	1,4
A8	F	3	2	2	1	-	-	3	2	2	1	-	-	3/2/2	21
A9	D	2	2	2	-	-	-	2Salm good id	2Salm good id	2Salm good id	-	-	-	3/3/1	46
A9	E	2	2	-	-	-	-	2Salm good id	2Salm good id	-	-	-	-	3/2/0	9,3
A9	F	4	-	2	-	-	-	4 Salm good id	-	2Salm good id	-	-	-	3/0/1	3,8
A10	D	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30
A10	E	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30
A10	F	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30
A11	D	5/plate	5/plate	5/plate	-	-	-	1	3	3	-	-	-	3/3/0	24
A11	E	-	5/plate	-	-	-	-	-	3	0	-	-	-	3/1/0	4,3
A11	F	5/plate	5/plate	5/plate	-	-	-	3	3	2	-	-	-	3/3/2	110
A12	D	2per plate	2per plate	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	2/1/1	2,0
A12	E	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	-	-	3/3/1	46
A12	F	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	-	-	2/2/1	2,8
A13	A	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
A13	B	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
A13	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
A14	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
A14	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
A14	F	-	-	-	-	-	-	-	-	-	-	-	-	3/0/0	2,3

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	D	3	3	2	0	0	0	pink	pink	pink	-	-	-	-	API20E	-	-	-	-
A1	E	3	3	2	0	0	0	pink	pink	pink	-	-	-	-	-	-	-	-	-
A1	F	3	3	2	0	0	0	pink	pink	pink	-	-	-	-	API20E	-	-	-	-
A2	D		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A2	E		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A2	F		0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A3	D	3	3	0	0	0	0	pink	pink	-	-	-	-	Serological	Serological	-	-	-	-
A3	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	D	3	3	1	0	0	0	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical	-	-	-
A4	E	3	1	0	0	0	0	pink	pink	-	-	-	-	biochemical	biochemical	-	-	-	-
A4	F	3	1	1	0	0	0	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical	-	-	-
A5	D	3	2	1	2	2	0	pink	pink	pink	pink	pink	-	-	-	-	bio	bio	-
A5	E	3	3	3	2	1	2	pink	pink	pink	pink	pink	pink	-	-	-	bio	bio	bio
A5	F	3	2	2	2	1	2	pink	pink	pink	pink	pink	pink	-	-	-	bio	bio	bio
A6	D	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A6	E	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A6	F	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A7	D	3	3	3	2	0	0	pink, flat	pink, flat	pink, flat	pink, flat	-	-	serological	serological	serological	serological	-	-
A7	E	3	3	3	2	1	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
A7	F	3	3	3	2	0	0	pink, flat	pink, flat	pink, flat	pink, flat	-	-	serological	serological	serological	serological	-	-
A8	D	3	3	3	1	0	0	pink	pink	pink	pink	-	-	biochemical	biochemical	biochemical	biochemical	-	-
A8	E	3	3	2	0	1	0	pink	pink	pink	-	pink	-	biochemical	biochemical	biochemical	-	biochemical	-
A8	F	3	3	2	2	0	0	pink	pink	pink	pink	-	-	biochemical	biochemical	biochemical	biochemical	-	-
A9	D	3	3	1	0	0	0	Pink	Pink	Pink	-	-	-	API 20 E	API 20 E	API 20 E	-	-	-
A9	E	3	2	0	0	0	0	Pink	Pink	-	-	-	-	API 20 E	API 20 E	-	-	-	-
A9	F	3	0	1	0	0	0	Pink	-	Pink	-	-	-	API 20 E	-	API 20 E	-	-	-
A10	D	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A10	E	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A10	F	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A11	D	1	3	3	0	0	0	pink	pink	pink	-	-	-	hemical/Serol	hemical/Serol	hemical/Serol	-	-	-
A11	E	1	3	1	0	0	0	pink	pink	pink	-	-	-	hemical/Serol	hemical/Serol	hemical/Serol	-	-	-
A11	F	3	3	2	0	0	0	pink	pink	pink	-	-	-	hemical/Serol	hemical/Serol	hemical/Serol	-	-	-
A12	D	3	3	2	1	1	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
A12	E	3	3	1	0	0	0	deep pink	deep pink	deep pink	-	-	-	serological	serological	serological	-	-	-
A12	F	2	2	1	0	0	0	deep pink	deep pink	deep pink	-	-	-	serological	serological	serological	-	-	-
A13	D	3	2	0	0	0	0	gh-edged colo	gh-edged colo	-	-	-	-	-	-	-	-	-	-
A13	E	3	2	0	0	0	0	gh-edged colo	gh-edged colo	-	-	-	-	-	-	-	-	-	-
A13	F	3	3	0	0	0	0	gh-edged colo	gh-edged colo	-	-	-	-	-	-	-	-	-	-
A14	D	3	3	1	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A14	E	3	3	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
A14	F	3	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-2 : observed results by the participants

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
A1	D	-	1	-	-	-	-	-	3	-	-	-	-
A1	E	-	-	-	-	-	-	-	-	-	-	-	-
A1	F	-	1	-	-	-	-	-	3	-	-	-	-
A2	D	-	-	-	-	-	-	-	-	-	-	-	-
A2	E	-	-	-	-	-	-	-	-	-	-	-	-
A2	F	-	-	-	-	-	-	-	-	-	-	-	-
A3	D	1	1	-	-	-	-	1	1	-	-	-	-
A3	E	0	0	0	0	0	0	0	0	0	0	0	0
A3	F	0	0	0	0	0	0	0	0	0	0	0	0
A4	D	1	1	1	-	-	-	1	3	1	0	0	0
A4	E	1	1	-	-	-	-	3	1	0	0	0	0
A4	F	1	1	1	-	-	-	3	1	1	0	0	0
A5	D	-	-	-	2	2	-	-	-	-	2	2	-
A5	E	-	-	-	2	1	2	-	-	-	2	1	2
A5	F	-	-	-	2	1	1	-	-	-	2	1	1
A6	D	0	0	0	0	0	0	0	0	0	0	0	0
A6	E	0	0	0	0	0	0	0	0	0	0	0	0
A6	F	0	0	0	0	0	0	0	0	0	0	0	0
A7	D	3	3	3	3	-	-	3	3	3	2	-	-
A7	E	3	3	3	3	3	-	3	3	3	2	1	-
A7	F	3	3	3	3	-	-	3	3	3	2	-	-
A8	D	3	3	3	1	-	-	3	3	3	1	-	-
A8	E	3	3	2	-	1	-	3	3	2	-	1	-
A8	F	3	3	2	2	-	-	3	3	2	2	-	-
A9	D	2	2	2	-	-	-	2	2Salm good id	2Salm good id	-	-	-
A9	E	2	2	-	-	-	-	2Salm good id	2Salm good id	-	-	-	-
A9	F	2	-	2	-	-	-	2Salm good id	-	2Salm good id	-	-	-
A10	D	-	-	-	-	-	-	-	-	-	-	-	-
A10	E	-	-	-	-	-	-	-	-	-	-	-	-
A10	F	-	-	-	-	-	-	-	-	-	-	-	-
A11	D	5/plate	5/plate	5/plate	-	-	-	5/plate	3	3	-	-	-
A11	E	5/plate	5/plate	5/plate	-	-	-	1	3	1	-	-	-
A11	F	5/plate	5/plate	5/plate	-	-	-	3	3	2	-	-	-
A12	D	2per plate	2per plate	2per plate	2per plate	2per plate	-	2per plate	-	-	-	-	-
A12	E	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	-	-
A12	F	2per plate	2per plate	2per plate	-	-	-	-	-	-	-	-	-
A13	D	-	-	-	-	-	-	-	-	-	-	-	-
A13	E	-	-	-	-	-	-	-	-	-	-	-	-
A13	F	-	-	-	-	-	-	-	-	-	-	-	-
A14	D	-	-	-	-	-	-	-	-	-	-	-	-
A14	E	-	-	-	-	-	-	-	-	-	-	-	-
A14	F	-	-	-	-	-	-	-	-	-	-	-	-

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-2 : calculated results from intermediate values

XLD																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	D	6,60693448	11,1686325	91,78375	411,149721	567,544605	o	o	o	o	o	o	30,8862938	40,1266094	91,78375	209,941904	272,750652
A1	E	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A1	F	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A2	D																
A2	E																
A2	F																
A3	D	1,48593564	2,46603934	23,02675	135,518941	197,696964							0,24724851	0,32121835	0,73474	1,68061029	2,1834019
A3	E																
A3	F																
A4	D	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	3,37310784	4,38224741	10,02375	22,927862	29,7872374
A4	E	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
A4	F	0,71121351	1,11686325	7,39861	25,7039578	33,419504											
A5	D	3,07609681	5,94292159	32,26844	135,518941	197,696964	o	o	o	o	o	o	11,5932947	15,0616843	34,4514	78,8025386	102,378055
A5	E	3,07609681	5,94292159	40,52101	135,518941	197,696964											
A5	F	3,07609681	5,94292159	32,17549	135,518941	197,696964											
A6	D																
A6	E																
A6	F																
A7	D	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	367,983716	478,074157	1093,52471	2501,27783	3249,59024
A7	E	153,461698	246,603934	1468,91832	4285,4852	5997,91076											
A7	F	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
A8	D	3,07609681	5,94292159	28,48469	135,518941	197,696964	*	o	*	o	o	o	1,77370537	2,30434843	5,27086	12,0563213	15,6632356
A8	E	0,15417005	0,32658783	1,90723	4,96592321	6,57657837											
A8	F	3,07609681	5,94292159	27,5704	135,518941	197,696964											
A9	D	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	3,37310784	4,38224741	10,02375	22,927862	29,7872374
A9	E	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A9	F	0,34994517	0,64863443	3,8254	13,5518941	19,8609492											
A10	D																
A10	E																
A10	F																
A11	D	0,34994517	0,64863443	2,8569	13,5518941	19,8609492					o	o	0,90387008	1,17428273	2,686	6,14383214	7,98189496
A11	E																
A11	F	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A12	D	14,8593564	24,6603934	204,3693	489,778819	639,734835	o	o	*	o	*	**	2,76954069	3,59810984	8,23015	18,8252644	24,4572572
A12	E	3,07609681	5,94292159	42,39259	254,683025	320,626932											
A12	F	0,15417005	0,32658783	2,04329	4,96592321	6,57657837											
A13	D	0,71121351	1,11686325	9,17703	41,6869383	58,3445104	o	o	o	o	o	o	4,05199974	5,26424479	12,04119	27,542461	35,7823953
A13	E	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A13	F	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A14	D	1,48593564	2,46603934	23,02675	135,518941	197,696964	o	o	o	o	o	o	3,08817677	4,01207292	9,17703	20,9911139	27,2710683
A14	E	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A14	F	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
A1	D	6,60693448	11,1686325	91,78375	411,149721	567,544605	o	o	o	o	o	o	30,8862938	40,1266094	91,78375	209,941904	272,750652
A1	E	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A1	F	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A2	D																
A2	E																
A2	F																
A3	D	1,48593564	2,46603934	23,02675	135,518941	197,696964							0,24724851	0,32121835	0,73474	1,68061029	2,1834019
A3	E																
A3	F																
A4	D	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	3,37310784	4,38224741	10,02375	22,927862	29,7872374
A4	E	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
A4	F	0,71121351	1,11686325	7,39861	25,7039578	33,419504											
A5	D	3,07609681	5,94292159	40,53427	135,518941	197,696964	*	**	*	**	o	o	25,6277385	33,2948414	76,15708	174,198182	226,313408
A5	E	322,106879	622,300285	2678,08558	12473,8351	16904,4093											
A5	F	6,60693448	11,1686325	57,99906	254,683025	320,626932											
A6	D																
A6	E																
A6	F																
A7	D	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	367,983716	478,074157	1093,52471	2501,27783	3249,59024
A7	E	153,461698	246,603934	1468,91832	4285,4852	5997,91076											
A7	F	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
A8	D	31,1888958	59,7035287	424,22826	2511,88643	3090,29543	o	o	o	o	o	o	71,3906064	92,74868	212,14904	485,2599	630,436096
A8	E	14,8593564	24,6603934	143,03946	411,149721	567,544605											
A8	F	14,8593564	24,6603934	210,25591	489,778819	639,734835											
A9	D	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	3,37310784	4,38224741	10,02375	22,927862	29,7872374
A9	E	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A9	F	0,34994517	0,64863443	3,8254	13,5518941	19,8609492											
A10	D																
A10	E																
A10	F																
A11	D	0,34994517	0,64863443	2,8569	13,5518941	19,8609492	o	o	*	**	o	o	1,16518477	1,51377548	3,46254	7,92005381	10,2895125
A11	E	0,15417005	0,32658783	1,98585	4,96592321	6,57657837											
A11	F	6,60693448	11,1686325	91,78375	411,149721	567,544605											
A12	D	14,8593564	24,6603934	204,3693	489,778819	639,734835	o	o	o	o	*	o	3,10414088	4,03281305	9,22447	21,0996259	27,4120442
A12	E	3,07609681	5,94292159	42,39259	254,683025	320,626932											
A12	F	0,34994517	0,64863443	2,75698	13,5518941	19,8609492											
A13	D	0,71121351	1,11686325	9,17703	41,6869383	58,3445104	o	o	o	o	o	o	4,05199974	5,26424479	12,04119	27,542461	35,7823953
A13	E	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
A13	F	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A14	D	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	3,67367325	4,77273358	10,91693	24,9708807	32,4414701
A14	E	1,48593564	2,46603934	23,02675	135,518941	197,696964											
A14	F	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol o Normal, compatible with expected dispersion regarding the MPN distribution

* Significantly different from expected dispersion regarding the MPN distribution

** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	Replicat	*Salmonella* results	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
A1	D	Presence	>100	-	-	-	-	>100	pink	-	-	-
A1	E	Presence	>100	pink	-	-	-	>100	pink	-	-	-
A1	F	Presence	>100	pink	API20E	1	1	>100	pink	-	-	-
A2	D	Presence	-	-	-	-	-	P	Pink	-	-	-
A2	E	Presence	-	-	-	-	-	P	Pink	-	-	-
A2	F	Presence	-	-	-	-	-	P	Pink	-	-	-
A3	D	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
A3	E	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
A3	F	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
A4	D	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
A4	E	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
A4	F	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
A5	D	Presence	presence	pink	bio	1	1	presence	pink	bio	1	1
A5	E	Presence	presence	pink	bio	1	1	presence	pink	bio	1	1
A5	F	Presence	presence	pink	bio	1	1	presence	pink	bio	1	1
A6	D	Presence	P	pink	serological	3	3	P	pink	serological	3	3
A6	E	Presence	P	pink	serological	3	3	P	pink	serological	3	3
A6	F	Presence	P	pink	serological	3	3	P	pink	serological	3	3
A7	D	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	E	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	F	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
A8	D	Presence	presence (9)	pink	Biochemical	3	3	presence (15)	pink	Biochemical	3	3
A8	E	Presence	absence	-	-	-	-	presence (22)	pink	Biochemical	3	3
A8	F	Presence	presence (33)	pink	Biochemical	3	3	presence (25)	pink	Biochemical	3	3
A9	D	Presence	Present	Pink	API 20 E	2	2Salm good id	Present	Pink	API 20 E	2	2Salm good id
A9	E	Presence	Present	pink	API 20 E	2	2Salm good id	Present	pink	API 20 E	2	2Salm good id
A9	F	Presence	Present	pink	API 20 E	2	2Salm good id	Present	pink	API 20 E	2	2Salm good id
A10	D	Absence	A	-	-	-	-	A	-	-	-	-
A10	E	Presence	P	pink	-	-	-	P	pink	-	-	-
A10	F	Presence	P	pink	-	-	-	P	pink	-	-	-
A11	D	Presence	120	pink	iochemical/Serologic	5/plate	5	100	pink	iochemical/Serologic	5/plate	5
A11	E	Presence	80	pink	iochemical/Serologic	5/plate	5	30	pink	iochemical/Serologic	5/plate	5
A11	F	Presence	150	pink	iochemical/Serologic	5/plate	5	205	pink	iochemical/Serologic	5/plate	5
A12	D	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
A12	E	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
A12	F	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
A13	A	Presence	Presence	ght red and colonies	API20E	1	1	Presence	ght red and colonies	API20E	1	1
A13	B	Presence	Presence	ght red and colonies	API20E	1	1	Presence	ght red and colonies	API20E	1	1
A13	C	Presence	Presence	ght red and colonies	API20E	1	1	Presence	ght red and colonies	API20E	1	1
A14	D	Presence	presence	red	-	3	3	presence	red	-	3	3
A14	E	Presence	presence	red	ination, serological a	3	3	presence	red	ination, serological a	3	3
A14	F	Presence	presence	red	-	3	3	presence	red	-	3	3

Matrix A : Mesophilic anaerobic digested sewage sludge - batch 2

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
A1	D	>100	-	-	-	-	>100	pinkish red	-	-	-
A1	E	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
A1	F	>100	pinkish red	API20E	1	1	>100	pinkish red	-	-	-
A2	D	-	-	-	-	-	-	-	-	-	-
A2	E	-	-	-	-	-	-	-	-	-	-
A2	F	-	-	-	-	-	-	-	-	-	-
A3	D	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
A3	E	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
A3	F	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
A4	D	Presence	yellow/pink	biochemical	2	2	Presence	yellow	biochemical	1	1
A4	E	Presence	yellow/pink	biochemical	2	2	Presence	yellow	biochemical	1	1
A4	F	Presence	yellow/pink	biochemical	2	2	Presence	yellow	biochemical	1	1
A5	D	presence	gray-yellow	bio	1	1	presence	gray-yellow	bio	1	1
A5	E	presence	gray-yellow	bio	1	1	presence	gray-yellow	bio	1	1
A5	F	presence	gray-yellow	bio	1	1	presence	gray-yellow	bio	1	1
A6	D	P	white	serological	3	3	P	white	serological	3	3
A6	E	P	white	serological	3	3	P	white	serological	3	3
A6	F	P	white	serological	3	3	P	white	serological	3	3
A7	D	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	E	P	light pink	serological	3	3	P	light pink	serological	3	3
A7	F	P	light pink	serological	3	3	P	light pink	serological	3	3
A8	D	absence	-	-	-	-	presence (11)	pinkish	biochemical	3	3
A8	E	presence (18)	pinkish	biochemical	3	3	presence (31)	pinkish	biochemical	3	3
A8	F	presence (28)	pinkish	biochemical	3	3	presence (26)	pinkish	biochemical	3	3
A9	D	Present	Pink	API 20 E	2	good id(pink) yellow	Present	Pink	API 20 E	2	2Salm good id
A9	E	Present	pink and yellow	API 20 E	1	1 Salm good id (pink	Present	pink	API 20 E	2	2Salm good id
A9	F	Present	pink and yellow	API 20 E	2	1 Salm good id (pink	Present	pink	API 20 E	2	2Salm good id
A10	D	A	-	-	-	-	A	-	-	-	-
A10	E	P	(*)pink	-	-	-	P	(*)pink	-	-	-
A10	F	P	(*)pink	-	-	-	P	(*)pink	-	-	-
A11	D	0	black	ochemical/Serologic	-	-	0	black	ochemical/Serologic	-	-
A11	E	0	black	ochemical/Serologic	-	-	0	black	ochemical/Serologic	-	-
A11	F	0	black	ochemical/Serologic	-	-	0	black	ochemical/Serologic	-	-
A12	D	presence	colourless	serological	3	3	presence	colourless	serological	3	3
A12	E	presence	colourless	serological	3	3	presence	colourless	serological	3	3
A12	F	presence	colourless	serological	3	3	presence	colourless	serological	3	3
A13	A	Presence	nd colonies. Colonie	API20E	1	1	Presence	nd colonies. Colonie	API20E	1	1
A13	B	Presence	nd colonies. Colonie	API20E	1	1	Presence	nd colonies. Colonie	API20E	1	1
A13	C	Presence	nd colonies. Colonie	API20E	1	1	Presence	nd colonies. Colonie	API20E	1	1
A14	D	presence	red	nation, serological c	3	3	presence	red	nation, serological c	3	3
A14	E	presence	red	-	3	3	presence	red	-	3	3
A14	F	presence	red	-	3	3	presence	red	-	3	3

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	A	280000					30	1					30	1
B1	B	350000					35	3					35	3
B1	C	600000					63	3					36	3
B2	A	370000				300	37	4				300	37	4
B2	B	380000				300	38	3				300	38	3
B2	C	600000				300	60	3				300	60	3
B3	A	280000				280						280		
B3	B	250000				250						250		
B3	C	290000				294						294		
B4	A	390000					39	6					39	
B4	B	640000					64	4					64	
B4	C	1000000					113	10						10
B5	A	790909					27	5					27	5
B5	B	700000					25	2					25	2
B5	C	618182					24	2					24	2
B6	A	627000					53	16					53	16
B6	B	740000					78	8					78	
B6	C	3200000						32						32
B7	A	2,2×105					22	2						
B7	B	1,3×105					13							
B7	C	2,4×105					24	2						
B8	A	2,3*105					18	7					18	7
B8	B	5,7*105					56	7					56	7
B8	C	3,8*105					35	8					35	8
B9	A	470000					47	5					47	5
B9	B	450000					45	8					45	8
B9	C	470000					47	9					47	
B10	A	1,00 x 10^2		10	5					7	4			
B10	B	2,27 x 10^2		20	5					20	5			
B10	C	Not detected		35										
B11	A	-												
B11	B	-												
B11	C	-												
B12	A	1,0.101		1						1				
B12	B	1,5.101	15						15					
B12	C	6,3	6	1					6	1				
B13	A	5,8 x 105					58						58	
B13	B	2,7 x 106						27						27
B13	C	5,2 x 105					52						52	
B14	A	90000					9							
B14	B	120000					12	2						
B14	C	360000					36	1						

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	A	168492,397	191481,78	281818,1818	400018,109	440354,29	o	o	o	o	*	o	324092,264	342995,916	409090,9091	484208,691	508829,044
B1	B	218165,248	244464,025	345454,5455	474163,043	517775,878											
B1	C	426836,408	464040,109	600000	763346,711	817784,184											
B2	A	266048,297	275462,363	307207,2072	341606,896	352713,323	o	o	o	o	o	o			313813,8138		
B2	B	266048,297	275462,363	307207,2072	341606,896	352713,323											
B2	C	284507,021	294246,493	327027,027	362460,926	373891,736											
B3	A	238777,361	248160,656	280000	314791,615	326055,084	o	o	o	o	o	o			274666,6667		
B3	B	211151,702	219968,004	250000	282987,64	293684,437											
B3	C	251712,702	261350,558	294000	329600,468	341117,104											
B4	A	269074,214	298393,601	409090,9091	547395,609	594005,377	o	o	*	**	*	**	600935,381	626813,624	715151,5152	812451,598	844029,996
B4	B	442159,754	480042,504	618181,8182	783692,571	838807,776											
B4	C	875559,787	929318,865	1118181,818	1334149	1405068,11											
B5	A	175498,797	198981,565	290909,0909	410676,513	451501,217	o	o	o	o	o	o	191304,947	205742,404	257575,7576	318496,284	338667,837
B5	B	140823,287	161756,054	245454,5455	357123,314	395427,17											
B5	C	134004,896	154400,602	236363,6364	346327,56	384098,922											
B6	A	449835,875	488055,545	627272,7273	793853,537	849302,331	o	o	*	**	*	**	668065,339	700683,858	813043,4783	938295,289	979100,311
B6	B	581738,647	625353,87	781818,1818	965538,599	1026353,76											
B6	C	1930486,77	2188797,21	3200000	4517441,64	4966513,39											
B7	A	120503,061	139793,176	218181,8182	324637,243	361317,452	o	o	o	o	o	o	138853,41	151284,093	196875	251888,677	270245,58
B7	B	55801,089	69219,4057	130000	222303,952	254967,794											
B7	C	134004,896	154400,602	236363,6364	346327,56	384098,922											
B8	A	127231,021	147079,021	227272,7273	335499,618	372730,101	*	**	o	o	o	o	313324,454	331905,481	396969,697	471060,318	495359,167
B8	B	403937,193	440099,181	572727,2727	732767,061	786168,961											
B8	C	254420,81	282902,876	390909,0909	526552,149	572328,555											
B9	A	320937,422	353055,127	472727,2727	619918,534	669303,84	o	o	o	o	o	o	394531,641	415427,492	487878,7879	569331,698	595940,246
B9	B	328413,269	360914,805	481818,1818	630229,857	679997,638											
B9	C	350928,726	384561,631	509090,9091	661096,861	711987,336											
B10	A	62,6667348	76,3216171	136,3636364	224,911068	256,036328	o	o	o	o	*	o	170,53487	184,350888	234,375	293,791008	313,525865
B10	B	127,231021	147,079021	227,2727273	335,499618	372,730101											
B10	C	216,376525	243,787679	350	486,764922	533,236625											
B11	A																
B11	B																
B11	C																
B12	A	0,05012333	0,25317856	10	55,71631	74,3008288	o	o	o	o	o	o	5,69120467	6,62727827	10,45454545	15,6869475	17,492937
B12	B	6,89334083	8,39537788	15	24,7402175	28,1639961											
B12	C	1,85211765	2,55851083	6,363636364	13,1115112	15,5759334											
B13	A	402610,909	440418,245	580000	749784,489	806571,091	*	**	*	**	o	o	517759,445	547717,034	652380,9524	771221,054	810160,665
B13	B	1549056,16	1779316,6	2700000	3928356,46	4349698,87											
B13	C	353031,164	388360,64	520000	681910,387	736234,224											
B14	A	31323,8293	41153,6858	90000	170847,907	199984,279	o	o	*	o	*	**	131018,302	143082,189	187500	241349,574	259343,287
B14	B	56642,1866	69581,1557	127272,7273	213541,898	243963,036											
B14	C	210985,633	236830,997	336363,6364	463632,742	506797,133											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	A	168492,397	191481,78	281818,1818	400018,109	440354,29	o	o	o	o	o	o	251848,28	268468,048	327272,7273	395129,26	417474,151
B1	B	218165,248	244464,025	345454,5455	474163,043	517775,878											
B1	C	225370,024	252116,4	354545,4545	484675,193	528731,49											
B2	A	266048,297	275462,363	307207,2072	341606,896	352713,323	o	o	o	o	o	o			313813,8138		
B2	B	266048,297	275462,363	307207,2072	341606,896	352713,323											
B2	C	284507,021	294246,493	327027,027	362460,926	373891,736											
B3	A	238777,361	248160,656	280000	314791,615	326055,084	o	o	o	o	o	o			274666,6667		
B3	B	211151,702	219968,004	250000	282987,64	293684,437											
B3	C	251712,702	261350,558	294000	329600,468	341117,104											
B4	A	247907,026	277328,04	390000	533142,712	581604,638	o	o	o	o	o	o	416654,035	443466,511	538095,2381	646938,631	682744,711
B4	B	452714,7	492877,845	640000	817265,35	876390,428											
B4	C	371690,568	479538,624	1000000	1839033,9	2139783,2											
B5	A	175498,797	198981,565	290909,0909	410676,513	451501,217	o	o	o	o	o	o	191304,947	205742,404	257575,7576	318496,284	338667,837
B5	B	140823,287	161756,054	245454,5455	357123,314	395427,17											
B5	C	134004,896	154400,602	236363,6364	346327,56	384098,922											
B6	A	449835,875	488055,545	627272,7273	793853,537	849302,331	o	o	*	**	*	**	665532,167	698805,178	813636,3636	941952,928	983789,407
B6	B	571293,005	616557,523	780000	973474,84	1037675,13											
B6	C	1930486,77	2188797,21	3200000	4517441,64	4966513,39											
B7	A																
B7	B																
B7	C																
B8	A	127231,021	147079,021	227272,7273	335499,618	372730,101	*	**	o	o	o	o	313324,454	331905,481	396969,697	471060,318	495359,167
B8	B	403937,193	440099,181	572727,2727	732767,061	786168,961											
B8	C	254420,81	282902,876	390909,0909	526552,149	572328,555											
B9	A	320937,422	353055,127	472727,2727	619918,534	669303,84	o	o	o	o	o	o	381631,102	402489,172	475000	556800,783	583550,023
B9	B	328413,269	360914,805	481818,1818	630229,857	679997,638											
B9	C	312184,266	345338,096	470000	625000,704	677163,713											
B10	A	39,2849119	49,9196829	100	178,927546	207,083466	o	o					101,916364	114,608954	163,6363636	226,541764	247,89585
B10	B	127,231021	147,079021	227,2727273	335,499618	372,730101											
B10	C																
B11	A																
B11	B																
B11	C																
B12	A	0,05012333	0,25317856	10	55,71631	74,3008288	o	o	o	o	o	o	5,69120467	6,62727827	10,45454545	15,6869475	17,492937
B12	B	6,89334083	8,39537788	15	24,7402175	28,1639961											
B12	C	1,85211765	2,55851083	6,363636364	13,1115112	15,5759334											
B13	A	402610,909	440418,245	580000	749784,489	806571,091	*	**	*	**	o	o	517759,445	547717,034	652380,9524	771221,054	810160,665
B13	B	1549056,16	1779316,6	2700000	3928356,46	4349698,87											
B13	C	353031,164	388360,64	520000	681910,387	736234,224											
B14	A																
B14	B																
B14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol
- o Normal, compatible with expected dispersion regarding the Poisson distribution
- * Significantly different from expected dispersion regarding the Poisson distribution
- ** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	A	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
B1	B	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
B1	C	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
B2	A	750000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
B2	B	230000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
B2	C	380000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
B3	A	460000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
B3	B	1100000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
B3	C	1100000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
B4	A	150000				3	3	2	-	-	-	yellow	yellow	yellow	-	-	-	biochemical	biochemical	biochemical
B4	B	2400000					3	3	-	-	-	-	yellow	yellow	-	-	-	-	biochemical	biochemical
B4	C	2400000					3	3	-	-	-	-	yellow	yellow	-	-	-	-	biochemical	biochemical
B5	A	> 1,10E+05	3	3	3	3	3	3	yellow/orange	yellow/orange	yellow/orange	yellow/orange	yellow/orange	yellow/orange	-	-	-	ser	ser	ser
B5	B	> 1,10E+05	3	3	3	3	3	3	yellow/orange	yellow/orange	yellow/orange	yellow/orange	yellow/orange	yellow/orange	-	-	-	ser	ser	ser
B5	C	2400	3	3	3	3	0	3	yellow/orange	yellow/orange	yellow/orange	yellow/orange	-	yellow/orange	-	-	-	ser	-	ser
B6	A	>11000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B6	B	>11000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B6	C	>11000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B7	A	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
B7	B	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
B7	C	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
B8	A	> 110 * 103	2	2	2	1	3	3	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B8	B	> 110 * 103	3	2	2	3	1	3	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B8	C	110 * 103	3	2	2	2	3	2	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B9	A	>1100000	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	API20E
B9	B	>1100000	0	3	3	3	3	3	ack/ Yellow and	Black colon	Pink	Pink	Pink	Pink	-	-	-	-	-	API 20E
B9	C	>1100000	3	3	3	3	3	3	Black and Pink	Black and Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	API 20E
B10	A	4,6 x 10	3	3	1	0	0	0	-	Yellow	Yellow	-	-	-	-	TSI+serology	TSI+serology	-	-	-
B10	B	2,4 x 10^2	3	3	3	0	0	0	-	-	Yellow	-	-	-	-	-	TSI+serology	-	-	-
B10	C	1,10 x 10^2	3	3	2	0	0	0	-	Yellow	Yellow	-	-	-	-	TSI+serology	TSI+serology	-	-	-
B11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	A	1,1.105	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
B12	B	2,4.103	3	3	3	3	0	0	deep pink	deep pink	deep pink	deep pink	-	-	serological	serological	serological	serological	-	-
B12	C	2,9.103	3	3	3	2	3	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
B13	A	>1,1 x 104	3	3	3	3	3	3	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	-	-	-	-	-	mnivalent seru
B13	B	>1,1 x 104	3	3	3	3	3	3	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	-	-	-	-	-	mnivalent seru
B13	C	>1,1 x 104	3	3	3	3	3	3	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	/ precipitation.	-	-	-	-	-	mnivalent seru
B14	A	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-
B14	B	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-
B14	C	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
B1	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B1	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B1	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B2	A	-	-	-	-	-	-	-	-	-	-	-	-	3/1/1	7,5
B2	B	-	-	-	-	-	-	-	-	-	-	-	-	3/0/0	2,3
B2	C	-	-	-	-	-	-	-	-	-	-	-	-	3/0/1	3,8
B3	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
B3	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
B3	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
B4	A	-	-	-	1	1	1	-	-	-	3	3	2	3/2/1	15
B4	B	-	-	-	-	1	1	-	-	-	-	3	3	3/3/0	24
B4	C	-	-	-	-	1	1	-	-	-	-	3	3	3/3/0	24
B5	A	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
B5	B	-	-	-	-	3	3	-	-	-	-	3	3	3/3/3	>110
B5	C	-	-	-	3	-	3	-	-	-	3	-	3	3/3/0	24
B6	A	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B6	B	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B6	C	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B7	A	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B7	B	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B7	C	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B8	A	2	2	2	1	3	3	2	2	2	1	3	3	3/3/3	> 110
B8	B	3	2	2	3	1	3	3	2	2	3	1	3	3/3/3	> 110
B8	C	3	2	2	2	3	2	3	2	2	2	3	2	3/3/2	110
B9	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B9	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B9	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B10	A	-	3	1	-	-	-	-	3	1	-	-	-	3/3/1	46
B10	B	-	-	3	-	-	-	-	-	3	-	-	-	3/3/0	24
B10	C	-	3	2	-	-	-	-	3	2	-	-	-	3/3/2	110
B11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	A	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
B12	B	2per plate	2per plate	2per plate	2per plate	-	-	2	2	2	2	-	-	3/3/0	24
B12	C	2per plate	2per plate	2per plate	2per plate	2per plate	-	2	2	2	2	2	-	2/3/0	2,9
B13	A	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
B13	B	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
B13	C	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
B14	A	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
B14	B	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
B14	C	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	API20E	-	-	-	-
B1	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	API20E	-	-	-	-
B1	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
B2	A	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	API
B2	B	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
B2	C	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
B3	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
B3	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
B3	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
B4	A				3	3	2	-	-	-	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical
B4	B					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
B4	C					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
B5	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	ser	ser	ser
B5	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	ser	ser	ser
B5	C	3	3	3	3	0	3	pink	pink	pink	pink	-	pink	-	-	-	ser	-	ser
B6	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B6	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B6	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B7	A	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
B7	B	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
B7	C	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
B8	A	2	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B8	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B8	C	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B9	A	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	API 20E
B9	B	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	API 20E
B9	C	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	API 20 E
B10	A	3	3	1	0	0	0	-	pink	pink	-	-	-	-	TSI+serology	TSI+serology	-	-	-
B10	B	3	3	3	0	0	0	-	-	pink	-	-	-	-	-	TSI+serology	-	-	-
B10	C	3	3	2	0	0	0	-	pink	pink	-	-	-	-	TSI+serology	TSI+serology	-	-	-
B11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	A	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
B12	B	3	3	3	3	0	0	deep pink	deep pink	deep pink	deep pink	-	-	serological	serological	serological	serological	-	-
B12	C	3	3	3	2	1	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
B13	A	3	3	3	3	3	3	es are red/da	es are red/da	es are red/da	es are red/da	es are red/da	es are red/da	-	-	-	-	-	E+omnivalent
B13	B	3	3	3	3	3	3	es are red/da	es are red/da	es are red/da	es are red/da	es are red/da	es are red/da	-	-	-	-	-	E+omnivalent
B13	C	3	3	3	3	3	3	es are red/da	es are red/da	es are red/da	es are red/da	es are red/da	es are red/da	-	-	-	-	-	E+omnivalent
B14	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
B14	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat
B14	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	A	-	1	-	-	-	-	-	3	-	-	-	-
B1	B	-	1	-	-	-	-	-	3	-	-	-	-
B1	C	-	-	-	-	-	-	-	-	-	-	-	-
B2	A	-	-	-	-	-	2	-	-	-	-	-	2
B2	B	-	-	-	-	-	-	-	-	-	-	-	-
B2	C	-	-	-	-	-	-	-	-	-	-	-	-
B3	A	-	-	-	-	-	-	-	-	-	-	-	-
B3	B	-	-	-	-	-	-	-	-	-	-	-	-
B3	C	-	-	-	-	-	-	-	-	-	-	-	-
B4	A	-	-	-	1	1	1	-	-	-	3	3	2
B4	B	-	-	-	-	1	1	-	-	-	-	3	3
B4	C	-	-	-	-	1	1	-	-	-	-	3	3
B5	A	-	-	-	3	3	3	-	-	-	3	3	3
B5	B	-	-	-	-	3	3	-	-	-	-	3	3
B5	C	-	-	-	3	-	3	-	-	-	3	-	3
B6	A	3	3	3	3	3	3	3	3	3	3	3	3
B6	B	3	3	3	3	3	3	3	3	3	3	3	3
B6	C	3	3	3	3	3	3	3	3	3	3	3	3
B7	A	3	3	3	3	3	3	3	3	3	3	3	3
B7	B	3	3	3	3	3	3	3	3	3	3	3	3
B7	C	3	3	3	3	3	3	3	3	3	3	3	3
B8	A	2	3	3	3	3	3	2	3	3	3	3	3
B8	B	3	3	3	3	3	3	3	3	3	3	3	3
B8	C	3	3	3	3	3	2	3	3	3	3	3	2
B9	A	-	-	-	-	-	-	-	-	-	-	-	-
B9	B	-	-	-	-	-	-	-	-	-	-	-	-
B9	C	-	-	-	-	-	-	-	-	-	-	-	-
B10	A	-	3	1	-	-	-	-	3	1	-	-	-
B10	B	-	-	3	-	-	-	-	-	3	-	-	-
B10	C	-	3	2	-	-	-	-	3	2	-	-	-
B11	A	-	-	-	-	-	-	-	-	-	-	-	-
B11	B	-	-	-	-	-	-	-	-	-	-	-	-
B11	C	-	-	-	-	-	-	-	-	-	-	-	-
B12	A	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2
B12	B	2per plate	2per plate	2per plate	2per plate	-	-	2	2	2	2	-	-
B12	C	2per plate	2per plate	2per plate	2per plate	2per plate	-	2	2	2	2	2	-
B13	A	-	-	-	-	-	1	-	-	-	-	-	1
B13	B	-	-	-	-	-	1	-	-	-	-	-	1
B13	C	-	-	-	-	-	1	-	-	-	-	-	1
B14	A	1	1	1	1	1	1	1	3	3	3	3	3
B14	B	1	1	1	1	1	1	3	3	3	3	3	3
B14	C	1	1	1	1	1	1	3	3	3	3	3	3

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	A																
B1	B																
B1	C																
B2	A																
B2	B																
B2	C																
B3	A																
B3	B																
B3	C																
B4	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
B4	B																
B4	C																
B5	A												9816,86376	12753,795	29172,44058	66727,691	86690,7507
B5	B																
B5	C	1698,24365	3147,74831	9537,57672	36140,9863	45498,806											
B6	A																
B6	B																
B6	C																
B7	A																
B7	B																
B7	C																
B8	A	0,71121351	1,11686325	9,11114	25,7039578	33,419504	o	o	o	o	o	o	7,08535541	9,20509567	21,05531	48,160942	62,5693495
B8	B	6,60693448	11,1686325	74,75183	254,683025	334,19504											
B8	C	6,60693448	11,1686325	74,49669	254,683025	334,19504											
B9	A												4,45046646	5,78192161	13,2253	30,2509394	39,3011748
B9	B																
B9	C																
B10	A	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	30,8862938	40,1266094	91,78375	209,941904	272,750652
B10	B	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
B10	C	6,60693448	11,1686325	91,78375	411,149721	567,544605											
B11	A	-	-	-	-	-	-	-	-	-	-	-					
B11	B	-	-	-	-	-											
B11	C	-	-	-	-	-											
B12	A								o	o			1873,56618	2434,08481	5567,61299	12735,1004	16545,0864
B12	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
B12	C	322,106879	622,300285	2855,11616	12473,8351	16904,4093											
B13	A																
B13	B																
B13	C																
B14	A																
B14	B																
B14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	A																
B1	B																
B1	C																
B2	A																
B2	B																
B2	C																
B3	A																
B3	B																
B3	C																
B4	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	73939,1498	96059,6764	219722,46	502582,99	652941,771
B4	B																
B4	C																
B5	A												9816,86376	12753,795	29172,44058	66727,691	86690,7507
B5	B																
B5	C	1698,24365	3147,74831	9537,57672	36140,9863	45498,806											
B6	A																
B6	B																
B6	C																
B7	A																
B7	B																
B7	C																
B8	A	1,48593564	2,46603934	13,2253	41,6869383	58,3445104					*	**	11,5745207	15,0372937	34,39561	78,6749271	102,212266
B8	B																
B8	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
B9	A																
B9	B																
B9	C																
B10	A	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	30,8862938	40,1266094	91,78375	209,941904	272,750652
B10	B	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
B10	C	6,60693448	11,1686325	91,78375	411,149721	567,544605											
B11	A	-	-	-	-	-	-	-	-	-	-	-					
B11	B	-	-	-	-	-											
B11	C	-	-	-	-	-											
B12	A								o	o			1431,554	1859,83494	4254,1004	9730,63245	12641,7657
B12	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
B12	C	153,461698	246,603934	1468,91832	4285,4852	5997,91076											
B13	A																
B13	B																
B13	C																
B14	A																
B14	B																
B14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
B1	A	Presence	>100	pink	-	-	-	>100	pink	-	-	-
B1	B	Presence	>100	pink	-	-	-	>100	pink	API20E	1	1
B1	C	Presence	>100	pink	-	-	-	>100	pink	-	-	-
B2	A	Presence	-	Yellow	-	-	-	P	Pink	-	-	-
B2	B	Presence	-	Y	-	-	-	P	Pink	-	-	-
B2	C	Presence	-	Y	-	-	-	P	Pink	-	-	-
B3	A	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
B3	B	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
B3	C	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
B4	A	Presence	Presence	yellow	Biochemical	2	1	Presence	pink	Biochemical	1	1
B4	B	Presence	Presence	pink or yellow	Biochemical	2	2	Presence	pink	Biochemical	1	1
B4	C	Presence	Presence	pink or yellow	Biochemical	2	2	Presence	pink	Biochemical	1	1
B5	A	Presence	Presence	pink	ser	3	3	Presence	pink	ser	3	3
B5	B	Presence	Presence	pink	ser	3	3	Presence	pink	ser	3	3
B5	C	Presence	Presence	pink	ser	3	3	Presence	pink	ser	3	3
B6	A	Presence	P	pink	serological	3	3	P	pink	serological	3	3
B6	B	Presence	P	pink	serological	3	3	P	pink	serological	3	3
B6	C	Presence	P	pink	serological	3	3	P	pink	serological	3	3
B7	A	Presence	A	-	serological	3	0	P	light pink	serological	3	3
B7	B	Presence	A	-	serological	3	0	P	light pink	serological	3	3
B7	C	Presence	A	-	serological	3	0	P	light pink	serological	3	3
B8	A	Presence	absence	-	-	-	-	presence (31)	pink	Biochemical	3	3
B8	B	Presence	absence	-	-	-	-	presence (9)	pink	Biochemical	3	3
B8	C	Absence	absence	-	-	-	-	absence	-	-	-	-
B9	A	Presence	Absent	Green colonies	-	-	-	Present	Pink	API 20E	2	2 doubtful
B9	B	Presence	Present	Pink	API 20E	2	2 doubtful	Present	Pink	API 20E	2	2 doubtful
B9	C	Presence	Present	Pink	API 20E	2	2doubtful	Present	Pink	API 20E	2	2 doubtful
B10	A	-	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
B10	B	-	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
B10	C	-	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
B11	A	-	-	-	-	-	-	-	-	-	-	-
B11	B	-	-	-	-	-	-	-	-	-	-	-
B11	C	-	-	-	-	-	-	-	-	-	-	-
B12	A	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
B12	B	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
B12	C	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
B13	A	Presence	Presence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1	Presence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1
B13	B	Presence	Presence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1	Prsence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1
B13	C	Presence	Presence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1	Presence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1
B14	A	Presence	presence	red	-	3	3	presence	red	-	3	3
B14	B	Presence	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3
B14	C	Presence	presence	red	-	3	3	presence	red	-	3	3

Matrix B : Anaerobic treated biowaste - batch 1

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
B1	A	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
B1	B	>100	pinkish red	-	-	-	>100	pinkish red	API20E	1	1
B1	C	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
B2	A	-	-	-	-	-	P	-	-	-	-
B2	B	-	-	-	-	-	P	-	-	-	-
B2	C	-	-	-	-	-	P	-	-	-	-
B3	A	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
B3	B	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
B3	C	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
B4	A	Presence	yellow	Biochemical	2	1	Presence	yellow	Biochemical	1	1
B4	B	Presence	yellow	Biochemical	2	1	Presence	yellow	Biochemical	1	1
B4	C	Presence	yellow	Biochemical	2	1	Presence	yellow	Biochemical	1	1
B5	A	Presence	yellow/orange	ser	3	3	Presence	yellow/orange	ser	3	3
B5	B	Presence	yellow/orange	ser	3	3	Presence	yellow/orange	ser	3	3
B5	C	Presence	yellow/orange	ser	3	3	Presence	yellow/orange	ser	3	3
B6	A	P	white	serological	3	3	P	white	serological	3	3
B6	B	P	white	serological	3	3	P	white	serological	3	3
B6	C	P	white	serological	3	3	P	white	serological	3	3
B7	A	A	-	serological	3	0	P	light pink	serological	3	3
B7	B	A	-	serological	3	0	P	light pink	serological	3	3
B7	C	A	-	serological	3	0	P	light pink	serological	3	3
B8	A	presence (18)	pinkish	Biochemical	3	3	presence (22)	pinkish	Biochemical	3	3
B8	B	presence (8)	pinkish	Biochemical	3	3	absence	-	-	-	-
B8	C	absence	-	-	-	-	absence	-	-	-	-
B9	A	Absent	Non suspect yellow	-	-	-	Present	Pink and yellow	API 20E	2	2doubtful
B9	B	Absent	Yellow	API 20E	2	0	Present	Pink and yellow	API 20E	2	2 doubtful
B9	C	Present	Pink and yellow	API 20E	2	2 good id	Present	Pink	API 20E	2	2 good id
B10	A	A	-	-	-	-	A	-	-	-	-
B10	B	A	-	-	-	-	A	-	-	-	-
B10	C	A	-	-	-	-	A	-	-	-	-
B11	A	-	-	-	-	-	-	-	-	-	-
B11	B	-	-	-	-	-	-	-	-	-	-
B11	C	-	-	-	-	-	-	-	-	-	-
B12	A	presence	colourless	serological	3	3	presence	colourless	serological	3	3
B12	B	presence	colourless	serological	3	3	presence	colourless	serological	3	3
B12	C	presence	colourless	serological	3	3	presence	colourless	serological	3	3
B13	A	Presence*)	Yellow, rough-edged	20E+ omnivalent ser	1	1	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1
B13	B	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1
B13	C	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1
B14	A	presence	red	-	3	3	presence	red	-	3	3
B14	B	presence	red	-	3	3	presence	red	-	3	3
B14	C	presence	red	-	3	3	presence	red	-	3	3

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	D	481818,18					53	6					53	6
B1	E	472727,27					42	4					42	4
B1	F	563636,36					46	3					46	3
B2	D	545450					50	10					50	10
B2	E	409090					40	5					40	5
B2	F	518180					50	7					50	7
B3	D	350000				120	35					120	35	
B3	E	370000				131	37					131	37	
B3	F	320000				122	32					122	32	
B4	D	710000					71	8					71	
B4	E	730000					73	5					73	
B4	F	690000					69	4					69	
B5	D	29091				30	2					30	2	
B5	E	35455				36	3					36	3	
B5	F	31818				27		1				27		1
B6	D	5300000					110	53						53
B6	E	6200000					130	62						62
B6	F	5500000					117	55						55
B7	D	1,1×105					11	3						
B7	E	6×104				60	6							
B7	F	5×104				50	8	5						
B8	D	1,7 * 105					17	2					17	2
B8	E	3,3 * 105					33	3					33	3
B8	F	2,9 * 105					30	2					30	2
B9	D	510000					51	5					51	5
B9	E	380000					38	3		12			38	3
B9	F	490000					49						49	
B10	D	2,00 x 10^6						125						20
B10	E	1,36 x 10^5						50					10	5
B10	F	6,82 x 10^5						50					65	10
B11	D	-												
B11	E	-												
B11	F	-												
B12	D	-												
B12	E	-												
B12	F	-												
B13	D	8,0 x 104					8	1					8	1
B13	E	3,0 x 103				3						3		
B13	F	3,1 x 104				31	3					31	3	
B14	D	68000				68	4					68		
B14	E	75000				75	3					75		
B14	F	82000				82	5					82		

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies																
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	D	373569,757	408304,675	536363,6364	691869,69	743856,712	o	o	o	o	o	o	375495,908	395872,766	466666,6667	546467,34	572556,477
B1	E	276429,985	306161,675	418181,8182	557796,183	604813,281											
B1	F	298606,738	329549,579	445454,5455	588914,781	637135,065											
B2	D	381144,153	416239,096	545454,5455	702107,851	754453,199	o	o	o	o	o	o	397254,27	418223,956	490909,0909	572595,312	599276,69
B2	E	269074,214	298393,601	409090,9091	547395,609	594005,377											
B2	F	358462,101	392465,733	518181,8182	671364,545	722623,434											
B3	D	113463,928	119599,185	140909,0909	164920,789	172770,013	o	o	o	o	o	o			144545,4545		
B3	E	124084,056	130505,403	152727,2727	177648,2	185782,459											
B3	F	112648,773	118761,83	140000	163940,202	171766,943											
B4	D	527128,382	568591,278	718181,8182	895069,134	953744,591	o	o	o	o	o	o	584286,777	609799,765	696969,697	793104,118	824317,762
B4	E	519357,277	560506,839	709090,9091	884977,127	943341,028											
B4	F	480641,749	520184,874	663636,3636	834423,066	891189,629											
B5	D	17549,8797	19898,1565	29090,90909	41067,6513	45150,1217	o	o	o	o	o	o	23442,2968	25066,1325	30841,1215	37547,9506	39760,7163
B5	E	22537,0024	25211,64	35454,54545	48467,5193	52873,149											
B5	F	16084,4686	18421,5671	27722,77228	40067,1305	44295,5387											
B6	D	1199935,18	1263064,56	1481818,182	1727574,07	1807832,37	o	o	o	o	o	o			1596969,697		
B6	E	1438067,04	1507283,44	1745454,545	2010573,53	2096908,06											
B6	F	1273612,12	1338683,12	1563636,364	1815572,48	1897770,82											
B7	D	56642,1866	69581,1557	127272,7273	213541,898	243963,036	o	o	o	o	o	o	49170,9069	51949,7069	61637,93103	72608,5736	76200,3236
B7	E	42683,6408	46404,0109	60000	76334,6711	81778,4184											
B7	F	40029,8119	43613,4323	56756,75676	72616,5556	77908,6358											
B8	D	87676,4492	103993,13	172727,2727	269734,903	303482,032	o	o	o	o	o	o	196523,613	211161,818	263636,3636	325194,592	345566,113
B8	E	203832,727	229217,907	327272,7273	453083,528	495791,7											
B8	F	175498,797	198981,565	290909,0909	410676,513	451501,217											
B9	D	350928,726	384561,631	509090,9091	661096,861	711987,336	o	o	o	o	o	o	364859,446	385245,599	456250	536549,34	562827,861
B9	E	239850,879	267475,691	372727,2727	505646,438	550573,543											
B9	F	328467,412	362504,537	490000	647806,259	700848,571											
B10	D	9808019,67	10404889,4	12500000	14893187,6	15678785,1	*	**	o	o	*	**	6274715,46	6551960,74	7500000	8546673,04	8886622,2
B10	E	3366376,66	3711094,09	5000000	6591876,44	7126592,88											
B10	F	3366376,66	3711094,09	5000000	6591876,44	7126592,88											
B11	D																
B11	E																
B11	F																
B12	D																
B12	E																
B12	F																
B13	D	28476,2085	37412,4417	81818,18182	155316,279	181803,89	*	**	*	**	o	o	13758,9585	15238,8164	20814,47964	27763,6109	30103,8285
B13	E	337,866676	618,67096	3000	8767,27228	10977,4305											
B13	F	18960,7128	21405,4285	30909,09091	43192,3403	47370,3495											
B14	D	47292,4218	51214,1256	65454,54545	82429,1367	88073,1671	o	o	o	o	o	o	60371,1265	62965,0846	71818,18182	81567,4264	84731,3629
B14	E	51935,7277	56050,6839	70909,09091	88497,7127	94334,1028											
B14	F	58957,0839	63348,5454	79090,90909	97558,3776	103669,834											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	D	373569,757	408304,675	536363,6364	691869,69	743856,712	o	o	o	o	o	o	375495,908	395872,766	466666,6667	546467,34	572556,477
B1	E	276429,985	306161,675	418181,8182	557796,183	604813,281											
B1	F	298606,738	329549,579	445454,5455	588914,781	637135,065											
B2	D	381144,153	416239,096	545454,5455	702107,851	754453,199	o	o	o	o	o	o	397254,27	418223,956	490909,0909	572595,312	599276,69
B2	E	269074,214	298393,601	409090,9091	547395,609	594005,377											
B2	F	358462,101	392465,733	518181,8182	671364,545	722623,434											
B3	D	113463,928	119599,185	140909,0909	164920,789	172770,013	o	o	o	o	o	o			144545,4545		
B3	E	124084,056	130505,403	152727,2727	177648,2	185782,459											
B3	F	112648,773	118761,83	140000	163940,202	171766,943											
B4	D	511739,871	554515,882	710000	895568,608	957292,519	o	o	o	o	o	o	590953,566	617846,037	710000	812022,945	845189,37
B4	E	528705,924	572203,361	730000	917865,372	980308,591											
B4	F	494819,463	536861,099	690000	873238,891	934232,564											
B5	D	17549,8797	19898,1565	29090,90909	41067,6513	45150,1217	o	o	o	o	o	o	23442,2968	25066,1325	30841,1215	37547,9506	39760,7163
B5	E	22537,0024	25211,64	35454,54545	48467,5193	52873,149											
B5	F	16084,4686	18421,5671	27722,77228	40067,1305	44295,5387											
B6	D	3612545,96	3970062,86	5300000	6932528,43	7479974,02	o	o	o	o	o	o	4609808,27	4846839,27	5666666,667	6585450,7	6885273,71
B6	E	4359593,93	4753502,56	6200000	7948117,94	8531687,09											
B6	F	3777491,66	4143353,28	5500000	7159003,38	7714738,99											
B7	D																
B7	E																
B7	F																
B8	D	87676,4492	103993,13	172727,2727	269734,903	303482,032	o	o	o	o	o	o	196523,613	211161,818	263636,3636	325194,592	345566,113
B8	E	203832,727	229217,907	327272,7273	453083,528	495791,7											
B8	F	175498,797	198981,565	290909,0909	410676,513	451501,217											
B9	D	350928,726	384561,631	509090,9091	661096,861	711987,336	*	**	*	**	o	o	1270,94571	1338,95562	1574,960128	1840,58285	1927,38025
B9	E	360,857653	396,570059	529,4176406	692,491103	747,175509											
B9	F	328467,412	362504,537	490000	647806,259	700848,571											
B10	D	1035328,84	1221652,89	2000000	3088836	3466801,86	*	**	*	**	*	**	368971,164	393072,187	478260,8696	576433,641	608747,934
B10	E	62666,7348	76321,6171	136363,6364	224911,068	256036,328											
B10	F	496101,44	536293,492	681818,1818	854664,751	912075,244											
B11	D																
B11	E																
B11	F																
B12	D																
B12	E																
B12	F																
B13	D	28476,2085	37412,4417	81818,18182	155316,279	181803,89	*	**	*	**	o	o	13758,9585	15238,8164	20814,47964	27763,6109	30103,8285
B13	E	337,866676	618,67096	3000	8767,27228	10977,4305											
B13	F	18960,7128	21405,4285	30909,09091	43192,3403	47370,3495											
B14	D	48637,5729	52804,6755	68000	86206,1828	92268,8553	o	o	o	o	o	o	62747,1546	65519,6074	75000	85466,7304	88866,222
B14	E	54571,1584	58992,2842	75000	94013,1226	100328,277											
B14	F	60553,3239	65217,0463	82000	101783,578	108339,978											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol
- o Normal, compatible with expected dispersion regarding the Poisson distribution
- * Significantly different from expected dispersion regarding the Poisson distribution
- ** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	D	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
B1	E	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
B1	F	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
B2	D	15000000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
B2	E	930000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
B2	F	430000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
B3	D	93000	3	3	3	3	3	2	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	Serological
B3	E	460000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
B3	F	240000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	Serological
B4	D	240000					3	3	-	-	-	-	yellow	yellow	-	-	-	-	biochemical	biochemical
B4	E	460000					3	3	-	-	-	-	yellow	yellow	-	-	-	-	biochemical	biochemical
B4	F	1500000					3	3	-	-	-	-	yellow	yellow	-	-	-	-	biochemical	biochemical
B5	D	110000	3	3	3	3	3	2	orange	orange	orange	orange	orange	orange	-	-	-	ser	ser	ser
B5	E	>110000	3	3	3	3	3	3	orange	orange	orange	orange	orange	orange	-	-	-	ser	ser	ser
B5	F	>110000	3	3	3	3	3	3	orange	orange	orange	orange	orange	orange	-	-	-	ser	ser	ser
B6	D	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
B6	E	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
B6	F	>1100	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
B7	D	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
B7	E	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
B7	F	>1,1×105	3	3	3	3	3	2	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
B8	D	> 1,1 * 104	2	1	1	2	0	1	pinkish	pinkish	pinkish	pinkish	-	pinkish	biochemical	biochemical	biochemical	biochemical	-	biochemical
B8	E	> 1,1 * 104	2	1	1	1	1	1	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B8	F	> 1,1 * 104	2	2	2	1	0	0	pinkish	pinkish	pinkish	pinkish	-	-	biochemical	biochemical	biochemical	biochemical	-	-
B9	D	>1100000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API	-	-	-	-	API
B9	E	>1100000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API 20 E	-	-	-	-	API 20 E
B9	F	>1100000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API 20E	-	-	-	-	API 20E
B10	D	1,1*10^5	3	3	3	3	3	2	pink	pink	pink	Yellow	Yellow	Yellow	-	-	-	TSI+serology	TSI+serology	TSI+serology
B10	E	>1,10*10^5	3	3	3	3	2	2	pink	pink	pink	Yellow	Yellow	Yellow	-	-	-	TSI+serology	TSI+serology	TSI+serology
B10	F	>1,10*10^5	3	3	1	0	3	2	pink	pink	pink	-	Yellow	Yellow	-	-	-	-	TSI+serology	TSI+serology
B11	D	2400	2	2	0	0			pinkishred-black c	shred-black c	shred-black c	0	-	-	hemical/Serol	hemical/Serol	hemical/Serol	-	-	-
B11	E	2400	3	0	0	0			pinkishred-black c	-	shred-black c	-	-	-	hemical/Serol	-	hemical/Serol	-	-	-
B11	F	4600	0	1	0	0	0		-	shred-black c	-	-	-	-	hemical/Serol	hemical/Serol	-	-	-	-
B12	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B13	D	>1,1 x 104	3	3	3	3	3	3	precipitation.	precipitation.	precipitation.	precipitation.	precipitation.	precipitation.	0	0	0	0	0	mnivalent seru
B13	E	>1,1 x 104	3	3	3	3	3	3	precipitation.	precipitation.	precipitation.	precipitation.	precipitation.	precipitation.	0	0	0	0	0	mnivalent seru
B13	F	>1,1 x 104	3	3	3	3	3	3	precipitation.	precipitation.	precipitation.	precipitation.	precipitation.	precipitation.	0	0	0	0	0	mnivalent seru
B14	D	>110000	3	3	3	3	3	3	red	red	red	red	red	red	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
B14	E	>110000	3	3	3	3	3	3	red	red	red	red	red	red	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
B14	F	>110000	3	3	3	3	3	2	red	red	red	red	red	red	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-2 : observed results by the participants

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
B1	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B1	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B1	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
B2	D	-	-	-	-	-	-	-	-	-	-	-	-	3/2/1	15
B2	E	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
B2	F	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
B3	D	-	-	-	-	-	1	-	-	-	-	-	1	3/2/0	9,3
B3	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
B3	F	-	-	-	-	-	1	-	-	-	-	-	1	3/3/0	24
B4	D	-	-	-	-	1	1	-	-	-	-	3	3	3/3/0	24
B4	E	-	-	-	-	1	1	-	-	-	-	3	3	3/3/1	46
B4	F	-	-	-	-	1	1	-	-	-	-	3	3	3/2/1	15
B5	D	-	-	-	3	3	2	-	-	-	3	3	2	3/3/2	110
B5	E	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
B5	F	-	-	-	3	6	3	-	-	-	3	6	3	3/3/3	>110
B6	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B6	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B6	F	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B7	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B7	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
B7	F	3	3	3	3	3	3	3	3	3	3	3	2	3/3/2	46
B8	D	2	1	1	2	-	1	2	1	1	2	-	1	3/3/3	> 110
B8	E	2	1	1	1	1	1	2	1	1	1	1	1	3/3/3	> 110
B8	F	2	2	2	1	-	-	2	2	2	1	-	-	3/3/3	> 110
B9	D	2	-	-	-	-	2	2	-	-	-	-	2	3/3/3	>110
B9	E	2	-	-	-	-	2	2	-	-	-	-	2	3/3/3	>110
B9	F	2	-	-	-	-	2	2	-	-	-	-	2	3/3/3	>110
B10	D	-	-	-	3	3	3	-	-	-	3	3	3	3/3/2	110
B10	E	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
B10	F	-	-	-	-	3	3	-	-	-	-	3	3	3/3/3	>110
B11	D	5/plate	5/plate	5/plate	0	-	-	3	1	0	0	-	-	3/3/0	2,3
B11	E	5/plate	0	0	0	-	-	2	0	0	0	-	-	3/3/0	2,3
B11	F	0	5/plate	0	0	0	-	0	1	0	0	0	-	3/3/1	46
B12	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B13	D	0	0	0	0	0	1	0	0	0	0	0	1	3/3/3	>110
B13	E	0	0	0	0	0	1	0	0	0	0	0	1	3/3/3	>110
B13	F	0	0	0	0	0	1	0	0	0	0	0	1	3/3/3	>110
B14	D	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
B14	E	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
B14	F	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	API20E
B1	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
B1	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
B2	D	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
B2	E	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
B2	F	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
B3	D	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	none	none	none	none	none	Serological
B3	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
B3	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	Serological
B4	D					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
B4	E					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
B4	F					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
B5	D	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	ser	ser	ser
B5	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	ser	ser	ser
B5	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	ser	ser	ser
B6	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B6	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B6	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
B7	D	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
B7	E	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
B7	F	3	3	3	3	3	2	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
B8	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B8	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B8	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
B9	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API	-	-	-	-	API
B9	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API 20 E	-	-	-	-	API 20 E
B9	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API 20 E	-	-	-	-	API 20 E
B10	D	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	TSI+serology	TSI+serology	TSI+serology
B10	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	TSI+serology	TSI+serology	TSI+serology
B10	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	TSI+serology	TSI+serology	TSI+serology
B11	D	3	3	3	3	0	0	pink	pink	pink	pink	-	-	hemical/Serol	chemical/Serol	chemical/Serol	chemical/Serol	chemical/Serol	-
B11	E	3	3	3	3	0	0	pink	pink	pink	pink	-	-	hemical/Serol	chemical/Serol	chemical/Serol	chemical/Serol	chemical/Serol	-
B11	F	3	3	3	3	1	0	pink	pink	pink	pink	pink	-	hemical/Serol	chemical/Serol	chemical/Serol	chemical/Serol	chemical/Serol	-
B12	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B12	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B13	D	3	3	3	3	3	3	onies are dark	onies are dark	onies are dark	onies are dark	onies are dark	onies are dark	0	0	0	0	0	API20E
B13	E	3	3	3	3	3	3	onies are dark	onies are dark	onies are dark	onies are dark	onies are dark	onies are dark	0	0	0	0	0	API20E
B13	F	3	3	3	3	3	3	onies are dark	onies are dark	onies are dark	onies are dark	onies are dark	onies are dark	0	0	0	0	0	API20E
B14	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
B14	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
B14	F	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-2 : observed results by the participants

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
B1	D	-	-	-	-	-	1	-	-	-	-	-	3
B1	E	-	-	-	-	-	-	-	-	-	-	-	-
B1	F	-	-	-	-	-	-	-	-	-	-	-	-
B2	D	-	-	-	-	-	-	-	-	-	-	-	-
B2	E	-	-	-	-	-	-	-	-	-	-	-	-
B2	F	-	-	-	-	-	-	-	-	-	-	-	-
B3	D	-	-	-	-	-	1	-	-	-	-	-	1
B3	E	-	-	-	-	-	-	-	-	-	-	-	-
B3	F	-	-	-	-	-	1	-	-	-	-	-	1
B4	D	-	-	-	-	1	1	-	-	-	-	3	3
B4	E	-	-	-	-	1	1	-	-	-	-	3	3
B4	F	-	-	-	-	1	1	-	-	-	-	3	3
B5	D	-	-	-	3	3	2	-	-	-	3	3	2
B5	E	-	-	-	3	3	3	-	-	-	3	3	3
B5	F	-	-	-	3	3	3	-	-	-	3	3	3
B6	D	3	3	3	3	3	3	3	3	3	3	3	3
B6	E	3	3	3	3	3	3	3	3	3	3	3	3
B6	F	3	3	3	3	3	3	3	3	3	3	3	3
B7	D	3	3	3	3	3	3	3	3	3	3	3	3
B7	E	3	3	3	3	3	3	3	3	3	3	3	3
B7	F	3	3	3	3	3	3	3	3	3	3	3	2
B8	D	3	3	3	3	3	3	3	3	3	3	3	3
B8	E	3	3	3	3	3	3	3	3	3	3	3	3
B8	F	3	3	3	3	0	3	3	3	3	3	3	3
B9	D	2	-	-	-	-	2	2	-	-	-	-	2
B9	E	2	-	-	-	-	2	2	-	-	-	-	2
B9	F	2	-	-	-	-	2	2	-	-	-	-	2
B10	D	-	-	-	3	3	3	-	-	-	3	3	3
B10	E	-	-	-	3	3	3	-	-	-	3	3	3
B10	F	-	-	-	3	3	3	-	-	-	3	3	3
B11	D	5/plate	5/plate	5/plate	5/plate	-	-	5/plate	3	3	3	-	-
B11	E	5/plate	5/plate	5/plate	5/plate	-	-	3	3	3	3	-	-
B11	F	5/plate	5/plate	5/plate	5/plate	5/plate	-	3	3	3	3	1	-
B12	D	-	-	-	-	-	-	-	-	-	-	-	-
B12	E	-	-	-	-	-	-	-	-	-	-	-	-
B12	F	-	-	-	-	-	-	-	-	-	-	-	-
B13	D	0	0	0	0	0	1	0	0	0	0	0	1
B13	E	0	0	0	0	0	1	0	0	0	0	0	1
B13	F	0	0	0	0	0	1	0	0	0	0	0	1
B14	D	1	1	1	1	1	1	1	3	3	3	3	3
B14	E	1	1	1	1	1	1	3	3	3	3	3	3
B14	F	1	1	1	1	1	1	3	3	3	3	3	2

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	D																
B1	E																
B1	F																
B2	D																
B2	E																
B2	F																
B3	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
B3	E																
B3	F																
B4	D																
B4	E																
B4	F																
B5	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
B5	E																
B5	F																
B6	D																
B6	E																
B6	F																
B7	D												73939,1498	96059,6764	219722,46	502582,99	652941,771
B7	E																
B7	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
B8	D	0,34994517	0,64863443	4,03858	13,5518941	19,8609492	o	o	o	o	o	o	1,37816631	1,79047514	4,09545	9,36774287	12,1703096
B8	E	0,34994517	0,64863443	4,03726	13,5518941	19,8609492											
B8	F	0,34994517	0,64863443	4,21652	13,5518941	19,8609492											
B9	D																
B9	E																
B9	F																
B10	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	*	**	*	**	257,442112	334,461595	765,03198	1749,89876	2273,41955
B10	E	1698,24365	3147,74831	21465,74089	40738,0278	56754,4605											
B10	F	14,8593564	24,6603934	227,08336	489,778819	639,734835											
B11	D	0,15417005	0,32658783	2,10212	4,96592321	6,57657837	o	o					0,3917062	0,50889374	1,16402	2,6625255	3,45907869
B11	E	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
B11	F																
B12	D	-	-	-	-	-	-	-	-	-	-	-					
B12	E	-	-	-	-	-											
B12	F	-	-	-	-	-											
B13	D																
B13	E																
B13	F																
B14	D												73939,1498	96059,6764	219722,46	502582,99	652941,771
B14	E																
B14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
B1	D																
B1	E																
B1	F																
B2	D																
B2	E																
B2	F																
B3	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
B3	E																
B3	F																
B4	D																
B4	E																
B4	F																
B5	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
B5	E																
B5	F																
B6	D																
B6	E																
B6	F																
B7	D												73939,1498	96059,6764	219722,46	502582,99	652941,771
B7	E																
B7	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
B8	D																
B8	E																
B8	F																
B9	D																
B9	E																
B9	F																
B10	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
B10	E																
B10	F																
B11	D	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	943,224467	1225,41086	2802,94811	6411,33384	8329,42569
B11	E	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
B11	F	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
B12	D	-	-	-	-	-	-	-	-	-	-	-					
B12	E	-	-	-	-	-											
B12	F	-	-	-	-	-											
B13	D																
B13	E																
B13	F																
B14	D												73939,1498	96059,6764	219722,46	502582,99	652941,771
B14	E																
B14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
B1	D	Presence	>100	pink	API20E	1	1	>100	pink	-	-	-
B1	E	Presence	>100	pink	-	-	-	>100	pink	-	-	-
B1	F	Presence	>100	pink	-	-	-	>100	pink	-	-	-
B2	D	Presence	-	-	-	-	-	P	Pink	-	-	-
B2	E	Presence	-	-	-	-	-	P	Pink	-	-	-
B2	F	Presence	-	-	-	-	-	P	Pink	-	-	-
B3	D	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
B3	E	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
B3	F	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
B4	D	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
B4	E	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
B4	F	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
B5	D	Presence	presence	pink	ser	2	2	presence	pink	ser	2	2
B5	E	Presence	presence	pink	ser	2	2	presence	pink	ser	2	2
B5	F	Presence	presence	pink	ser	2	2	presence	pink	ser	2	2
B6	D	Presence	P	pink	serological	2	2	P	pink	serological	2	2
B6	E	Presence	P	pink	serological	2	2	P	pink	serological	2	2
B6	F	Presence	P	pink	serological	2	2	P	pink	serological	2	2
B7	D	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
B7	E	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
B7	F	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
B8	D	Presence	presence (18)	pink	Biochemical	3	3	presence (6)	pink	Biochemical	3	3
B8	E	Presence	presence (15)	pink	Biochemical	3	3	absence	pink	Biochemical	3	3
B8	F	Presence	absence	-	-	-	-	absence	-	-	-	-
B9	D	Presence	Present	pink	API 20 E	2	2	Present	pink	API 20 E	2	2
B9	E	Presence	Present	pink	API 20 E	2	2	Present	pink	API 20 E	2	2
B9	F	Presence	Present	pink	API 20E	2	2	Present	pink	API 20E	2	2
B10	D	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
B10	E	Presence	A	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
B10	F	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
B11	D	Presence	310	pink	iochemical/Serologic	5	5	382	pink	iochemical/Serologic	5	5
B11	E	Presence	370	pink	iochemical/Serologic	5	5	190	pink	iochemical/Serologic	5	5
B11	F	Presence	188	pink	iochemical/Serologic	5	5	115	pink	iochemical/Serologic	5	5
B12	D	-	-	-	-	-	-	-	-	-	-	-
B12	E	-	-	-	-	-	-	-	-	-	-	-
B12	F	-	-	-	-	-	-	-	-	-	-	-
B13	D	Presence	Presence	iny, rough-edged, pi	API20E	1	1	Presence	iny, rough-edged, pi	API20E	1	1
B13	E	Presence	Presence	iny, rough-edged, pi	API20E	1	1	Prsence	iny, rough-edged, pi	API20E	1	1
B13	F	Presence	Presence	iny, rough-edged, pi	API20E	1	1	Presence	iny, rough-edged, pi	API20E	1	1
B14	D	Presence	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3
B14	E	Presence	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3
B14	F	Presence	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3

Matrix B : Anaerobic treated biowaste - batch 2

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
B1	D	>100	pinkish red	API20E	1	1	>100	pinkish red	-	-	-
B1	E	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
B1	F	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
B2	D	-	-	-	-	-	-	-	-	-	-
B2	E	-	-	-	-	-	-	-	-	-	-
B2	F	-	-	-	-	-	-	-	-	-	-
B3	D	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
B3	E	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
B3	F	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
B4	D	Presence	yellow or pink	biochemical	2	1	Presence	yellow or pink	biochemical	2	2
B4	E	Presence	yellow or pink	biochemical	2	1	Presence	yellow or pink	biochemical	2	2
B4	F	Presence	yellow or pink	biochemical	2	1	Presence	yellow or pink	biochemical	2	2
B5	D	presence	orange	ser	3	3	presence	orange	ser	2	2
B5	E	presence	orange	ser	2	2	presence	orange	ser	2	2
B5	F	presence	orange	ser	3	3	presence	orange	ser	2	2
B6	D	P	white	serological	2	2	P	white	serological	2	2
B6	E	P	white	serological	2	2	P	white	serological	2	2
B6	F	P	white	serological	2	2	P	white	serological	2	2
B7	D	P	light pink	serological	3	3	P	light pink	serological	3	3
B7	E	P	light pink	serological	3	3	P	light pink	serological	3	3
B7	F	P	light pink	serological	3	3	P	light pink	serological	3	3
B8	D	presence (25)	pinkish	Biochemical	3	3	presence (32)	pinkish	Biochemical	3	3
B8	E	absence	-	-	-	-	presence (19)	pinkish	Biochemical	3	3
B8	F	absence	-	-	-	-	presence	pinkish	Biochemical	3	3
B9	D	Present	pink	API 20 E	2	2	Present	pink	API 20 E	2	2
B9	E	Present	pink	API 20E	2	2	Present	pink	API 20E	2	2
B9	F	Present	pink and yellow	API20E	2	2	Present	pink	API20E	2	2
B10	D	A	-	-	-	-	???	(*)pink	-	-	-
B10	E	A	-	-	-	-	A	-	-	-	-
B10	F	A	-	-	-	-	A	-	-	-	-
B11	D	0	black	iochemical/Serologic	-	-	0	black	iochemical/Serologic	-	-
B11	E	0	black	iochemical/Serologic	-	-	0	black	iochemical/Serologic	-	-
B11	F	0	black	iochemical/Serologic	-	-	0	black	iochemical/Serologic	-	-
B12	D	-	-	-	-	-	-	-	-	-	-
B12	E	-	-	-	-	-	-	-	-	-	-
B12	F	-	-	-	-	-	-	-	-	-	-
B13	D	Presence*)	d and smooth coloni	API20E	1	1	Presence *)	d and smooth coloni	API20E	1	1
B13	E	Presence *)	d and smooth coloni	API20E	1	1	Presence *)	d and smooth coloni	API20E	1	1
B13	F	Absence	ow precipitation, the	API20E	3	0	Presence *)	d and smooth coloni	API20E	1	1
B14	D	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3
B14	E	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3
B14	F	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
C1	A	0												
C1	B	0												
C1	C	0												
C2	A	<1												
C2	B	<1												
C2	C	1	1	1					1					
C3	A	2	2						2					
C3	B	5	5	1					5	1				
C3	C	<												
C4	A	< 10												
C4	B	< 10	2						2					
C4	C	< 10	4						4					
C5	A	52	4	1					4	1				
C5	B	12	2						2					
C5	C	26	1						1					
C6	A	2360			13	13	9				13	13	9	
C6	B	40		4						4				
C6	C	70		7						7				
C7	A	100	1											
C7	B	<100												
C7	C	100	1											
C8	A	< 100												
C8	B	< 100												
C8	C	< 100												
C9	A	79	79	1					79	1				
C9	B	52	52	2					52	2				
C9	C	60	60	4					60	4				
C10	A	Not detected												
C10	B	Not detected												
C10	C	Not detected												
C12	A	<												
C12	B	<												
C12	C	<												
C13	A	<1												
C13	B	<1												
C13	C	<1												
C14	A	1	1											
C14	B	2	2											
C14	C	2	2											

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies																
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	A																
C1	B																
C1	C																
C2	A												0,09408347	0,22019045	1,818181818	6,56788863	8,43068756
C2	B																
C2	C	0,09408347	0,22019045	1,818181818	6,56788863	8,43068756											
C3	A	0,10349182	0,24220949	2	7,22467749	9,27375631	o	o					1,22432482	1,64468194	3,80952381	7,50628815	8,84675847
C3	B	1,397175	2,00171706	5,454545455	11,8722431	14,2361023											
C3	C																
C4	A								o	o			0,76844625	1,10094438	3	6,52973373	7,82985628
C4	B	0,10349182	0,24220949	2	7,22467749	9,27375631											
C4	C	0,67220137	1,08986233	4	10,2416004	12,5940274											
C5	A	0,97992972	1,4758925	4,545454545	10,6075728	12,8634818	o	o	o	o	o	o	0,82938133	1,11413938	2,580645161	5,08490488	5,99296541
C5	B	0,10349182	0,24220949	2	7,22467749	9,27375631											
C5	C	0,00501233	0,02531786	1	5,571631	7,43008288											
C6	A	1949,33806	2196,28539	3153,153153	4385,26957	4803,93356	*	**	o	o	*	**	144,042152	159,534743	217,9062056	290,656467	315,156139
C6	B	6,72201368	10,8986233	40	102,416004	125,940274											
C6	C	20,3732941	28,1436191	70	144,226623	171,335267											
C7	A	0,00501233	0,02531786	1	5,571631	7,43008288					o	o	0,05174591	0,12110475	1	3,61233875	4,63687816
C7	B																
C7	C	0,00501233	0,02531786	1	5,571631	7,43008288											
C8	A																
C8	B																
C8	C																
C9	A	53,4904906	57,6681935	72,72727273	90,5153492	96,4141157	o	o	o	o	o	o	49,5860397	51,9332946	60	68,9646411	71,8824985
C9	B	33,5902933	36,8785781	49,09090909	64,0529494	69,0673436											
C9	C	41,1558818	44,8070768	58,18181818	74,29685	79,6718571											
C10	A																
C10	B																
C10	C																
C12	A																
C12	B																
C12	C																
C13	A																
C13	B																
C13	C																
C14	A	0,00501233	0,02531786	1	5,571631	7,43008288	o	o	o	o	o	o	0,35930756	0,54116058	1,666666667	3,88944336	4,71660998
C14	B	0,10349182	0,24220949	2	7,22467749	9,27375631											
C14	C	0,10349182	0,24220949	2	7,22467749	9,27375631											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	A																
C1	B																
C1	C																
C2	A												0,00501233	0,02531786	1	5,571631	7,43008288
C2	B																
C2	C	0,00501233	0,02531786	1	5,571631	7,43008288											
C3	A	0,10349182	0,24220949	2	7,22467749	9,27375631	o	o					1,22432482	1,64468194	3,80952381	7,50628815	8,84675847
C3	B	1,397175	2,00171706	5,454545455	11,8722431	14,2361023											
C3	C																
C4	A								o	o			0,76844625	1,10094438	3	6,52973373	7,82985628
C4	B	0,10349182	0,24220949	2	7,22467749	9,27375631											
C4	C	0,67220137	1,08986233	4	10,2416004	12,5940274											
C5	A	0,97992972	1,4758925	4,545454545	10,6075728	12,8634818	o	o	o	o	o	o	0,82938133	1,11413938	2,580645161	5,08490488	5,99296541
C5	B	0,10349182	0,24220949	2	7,22467749	9,27375631											
C5	C	0,00501233	0,02531786	1	5,571631	7,43008288											
C6	A	1949,33806	2196,28539	3153,153153	4385,26957	4803,93356	*	**	o	o	*	**	144,042152	159,534743	217,9062056	290,656467	315,156139
C6	B	6,72201368	10,8986233	40	102,416004	125,940274											
C6	C	20,3732941	28,1436191	70	144,226623	171,335267											
C7	A																
C7	B																
C7	C																
C8	A																
C8	B																
C8	C																
C9	A	53,4904906	57,6681935	72,72727273	90,5153492	96,4141157	o	o	o	o	o	o	49,5860397	51,9332946	60	68,9646411	71,8824985
C9	B	33,5902933	36,8785781	49,09090909	64,0529494	69,0673436											
C9	C	41,1558818	44,8070768	58,18181818	74,29685	79,6718571											
C10	A																
C10	B																
C10	C																
C12	A																
C12	B																
C12	C																
C13	A																
C13	B																
C13	C																
C14	A																
C14	B																
C14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
C1	A	4,3	3	1	0	0			pinkish red	pinkish red	-	-	-	-	-	-	-	-	-	-
C1	B	0,93	2	0	0	0			pinkish red	-	-	-	-	-	-	-	-	-	-	-
C1	C	2,3	3	0	0	0			pinkish red	-	-	-	-	-	-	-	-	-	-	-
C2	A	0,93	2	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C2	B	0,93	2	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C2	C	9,3	3	2	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C3	A	<	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C3	B	<	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C3	C	<	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C4	A	0,3	0	1	0	0	0	0	-	yellow/pink	-	-	-	-	-	Biochemical	-	-	-	-
C4	B	1,1	1	1	0	0	0	0	yellow/pink	yellow/pink	-	-	-	-	Biochemical	Biochemical	-	-	-	-
C4	C	0,71	1	1	0	0	0	0	yellow/pink	yellow/pink	-	-	-	-	Biochemical	Biochemical	-	-	-	-
C5	A	1500	3	2	1	0	0	0	orange	orange	orange	-	-	-	ser	ser	ser	-	-	-
C5	B	150	2	1	0	0	0	0	orange	orange	-	-	-	-	ser	ser	-	-	-	-
C5	C	230	3	0	0	0	0	0	orange	-	-	-	-	-	ser	-	-	-	-	-
C6	A	2,3	3	0	0	0	0	0	white	-	-	-	-	-	serological	-	-	-	-	-
C6	B	2,3	3	1	0	0	0	0	white	white	-	-	-	-	serological	serological	-	-	-	-
C6	C	2,3	3	0	0	0	0	0	white	-	-	-	-	-	serological	-	-	-	-	-
C7	A	140	2	0	1	0	0	0	light pink	-	light pink	-	-	-	serological	-	serological	-	-	-
C7	B	<0,3	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C7	C	0,36	0	0	0	0	0	0	light pink	-	-	-	-	-	serological	-	-	-	-	-
C8	A	0,36	1	0	0	0	0	0	pinkish	-	-	-	-	-	biochemical	-	-	-	-	-
C8	B	0,36	1	0	0	0	0	0	pinkish	-	-	-	-	-	biochemical	-	-	-	-	-
C8	C	0,36	1	0	0	0	0	0	pinkish	-	-	-	-	-	biochemical	-	-	-	-	-
C9	A	0,36	1	0	0	0	0	0	ellow and pin	-	-	-	-	-	-	-	-	-	-	-
C9	B	0,36	1	0	0	0	0	0	ellow and pin	-	-	-	-	-	-	-	-	-	-	-
C9	C	<	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C10	A	<0,30	2	0	0	0	0	0	Yellow	0	0	0	0	0	TSI+serology	0	0	0	0	0
C10	B	<0,30	2	0	0	0	0	0	Yellow	0	0	0	0	0	TSI+serology	0	0	0	0	0
C10	C	<0,30	2	2	0	0	0	0	Yellow	Yellow	0	0	0	0	TSI+serology	TSI+serology	0	0	0	0
C12	A	<0,3	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C12	B	1,5	2	1	0	0	0	0	colourless	colourless	-	-	-	-	serological	serological	-	-	-	-
C12	C	0,36	1	0	0	0	0	0	colourless	-	-	-	-	-	serological	-	-	-	-	-
C13	A	0,3	0	0	0	0	0	0	colonies are	-	-	-	-	-	-	-	-	-	-	-
C13	B	0	0	0	0	0	0	0	colonies are	-	-	-	-	-	-	-	-	-	-	-
C13	C	15	0	0	0	0	0	0	colonies are	colonies are	-	-	-	-	-	-	-	-	-	-
C14	A	4	1	0	0	0	0	0	red	-	-	-	-	-	n, api20E, ser	-	-	-	-	-
C14	B	9	3	2	0	0	0	0	red	red	-	-	-	-	n, api20E, ser	n, api20E, ser	-	-	-	-
C14	C	<0,3	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	**Replicat**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**CN**	**MPN table**
C1	A	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
C1	B	-	-	-	-	-	-	-	-	-	-	-	-	2/0/0	0,93
C1	C	-	-	-	-	-	-	-	-	-	-	-	-	3/0/0	2,3
C2	A	-	-	-	-	-	-	-	-	-	-	-	-	2/0/0	0,93
C2	B	-	-	-	-	-	-	-	-	-	-	-	-	2/0/0/	0,93
C2	C	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
C3	A	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<
C3	B	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<
C3	C	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<
C4	A	-	1	-	-	-	-	-	1	-	-	-	-	0/1/0	0,3
C4	B	1	1	-	-	-	-	1	1	-	-	-	-	1/2/0	1,1
C4	C	1	1	-	-	-	-	1	1	-	-	-	-	1/1/0	0,71
C5	A	3	4	2	-	-	-	3	2	1	-	-	-	3/2/1	15
C5	B	4	2	-	-	-	-	2	1	-	-	-	-	2/1/0	1,5
C5	C	3	-	-	-	-	-	3	-	-	-	-	-	3/0/0	2,3
C6	A	3	-	-	-	-	-	3	-	-	-	-	-	3/0/0	2,3
C6	B	3	1	-	-	-	-	3	1	-	-	-	-	3/1/0	2,3
C6	C	3	-	-	-	-	-	3	-	-	-	-	-	3/0/0	2,3
C7	A	3	-	3	-	-	-	2	-	1	-	-	-	2/0/1	1,4
C7	B	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,3
C7	C	-	-	-	-	-	-	-	-	-	-	-	-	1/0/0	0,36
C8	A	3	-	-	-	-	-	1	-	-	-	-	-	1/0/0	0,36
C8	B	3	-	-	-	-	-	1	-	-	-	-	-	1/0/0	0,36
C8	C	3	-	-	-	-	-	1	-	-	-	-	-	1/0/0	0,36
C9	A	2	-	-	-	-	-	2 doubful	-	-	-	-	-	1/0/0	0,36
C9	B	2	-	-	-	-	-	2 good id	-	-	-	-	-	1/0/0	0,36
C9	C	-	-	-	-	-	-	-	-	-	-	-	-	0	<
C10	A	3	0	0	0	0	0	0	0	0	0	0	0	3/0/0	2,3
C10	B	3	0	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
C10	C	3	3	0	0	0	0	0	0	0	0	0	0	0/0/0	<0,30
C12	A	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30
C12	B	2per plate	2per plate	-	-	-	-	2	2	-	-	-	-	2/1/0	1,5
C12	C	2per plate	-	-	-	-	-	2	-	-	-	-	-	1/0/0	0,36
C13	A	-	-	-	-	-	-	-	-	-	-	-	-	1/0/0	0,3
C13	B	-	-	-	-	-	-	-	-	-	-	-	-	1/0/0	0,3
C13	C	-	-	-	-	-	-	-	-	-	-	-	-	2/1/0	1,5
C14	A	2	-	-	-	-	-	2	-	-	-	-	-	1/0/0	0,36
C14	B	6	4	-	-	-	-	6	4	-	-	-	-	3/2/0	9,3
C14	C	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,30

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
C1	A	3	1	0	0			pink	pink	-	-	-	-	-	-	-	-	-	-
C1	B	2	0	0	0			pink	-	-	-	-	-	-	-	-	-	-	-
C1	C	3	0	0	0			pink	-	-	-	-	-	-	-	-	-	-	-
C2	A	2	0	0	0	0	0	Pink	-	-	-	-	-	-	-	-	-	-	-
C2	B	2	0	0	0	0	0	Pink	-	-	-	-	-	-	-	-	-	-	-
C2	C	3	2	0	0	0	0	Pink	Pink	-	-	-	-	-	-	-	-	-	-
C3	A	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C3	B	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C3	C	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C4	A	0	1	0	0	0	0	-	pink	-	-	-	-	-	Biochemical	-	-	-	-
C4	B	1	2	0	0	0	0	pink	pink	-	-	-	-	Biochemical	Biochemical	-	-	-	-
C4	C	1	1	0	0	0	0	pink	pink	-	-	-	-	Biochemical	Biochemical	-	-	-	-
C5	A	3	2	1	0	0	0	pink	pink	pink	-	-	-	ser	nt	ser	-	-	-
C5	B	2	1	0	0	0	0	pink	pink	-	-	-	-	ser	ser	-	-	-	-
C5	C	3	0	0	0	0	0	pink	-	-	-	-	-	ser	-	-	-	-	-
C6	A	2	0	0	0	0	0	pink	-	-	-	-	-	serological	-	-	-	-	-
C6	B	3	1	0	0	0	0	pink	pink	-	-	-	-	serological	serological	-	-	-	-
C6	C	3	0	0	0	0	0	pink	-	-	-	-	-	serological	-	-	-	-	-
C7	A	2	0	1	0	0	0	pink, flat	-	pink, flat	-	-	-	serological	-	serological	-	-	-
C7	B	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C7	C	1	0	0	0	0	0	pink, flat	-	-	-	-	-	serological	-	-	-	-	-
C8	A	1	0	0	0	0	0	pink	-	-	-	-	-	biochemical	-	-	-	-	-
C8	B	1	0	0	0	0	0	pink	-	-	-	-	-	biochemical	-	-	-	-	-
C8	C	1	0	0	0	0	0	pink	-	-	-	-	-	biochemical	-	-	-	-	-
C9	A	1	0	0	0	0	0	pink	-	-	-	-	-	and apiserolog	-	-	-	-	-
C9	B	1	0	0	0	0	0	pink	-	-	-	-	-	y and serology	-	-	-	-	-
C9	C	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C10	A	3	0	0	0	0	0	pink	0	0	0	0	0	TSI+serology	0	0	0	0	0
C10	B	3	0	0	0	0	0	pink	0	0	0	0	0	TSI+serology	0	0	0	0	0
C10	C	3	3	0	0	0	0	pink	pink	0	0	0	0	TSI+serology	TSI+serology	0	0	0	0
C12	A	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
C12	B	2	1	0	0	0	0	deep pink	deep pink	-	-	-	-	serological	serological	-	-	-	-
C12	C	1	0	0	0	0	0	deep pink	-	-	-	-	-	serological	-	-	-	-	-
C13	A	1	0	0	0	0	0	tion around the	-	-	-	-	-	-	-	-	-	-	-
C13	B	1	0	0	0	0	0	tion around the	-	-	-	-	-	-	-	-	-	-	-
C13	C	2	1	0	0	0	0	tion around the	tion around the	-	-	-	-	-	-	-	-	-	-
C14	A	1	0	0	0	0	0	pink	-	-	-	-	-	n, api20E, ser	-	-	-	-	-
C14	B	3	2	0	0	0	0	pink	pink	-	-	-	-	n, api20E, ser	n, api20E, ser	-	-	-	-
C14	C	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
C1	A	-	-	-	-	-	-	-	-	-	-	-	-
C1	B	-	-	-	-	-	-	-	-	-	-	-	-
C1	C	-	-	-	-	-	-	-	-	-	-	-	-
C2	A	-	-	-	-	-	-	-	-	-	-	-	-
C2	B	-	-	-	-	-	-	-	-	-	-	-	-
C2	C	-	-	-	-	-	-	-	-	-	-	-	-
C3	A	-	-	-	-	-	-	-	-	-	-	-	-
C3	B	-	-	-	-	-	-	-	-	-	-	-	-
C3	C	-	-	-	-	-	-	-	-	-	-	-	-
C4	A	-	1	-	-	-	-	-	1	-	-	-	-
C4	B	1	2	-	-	-	-	1	2	-	-	-	-
C4	C	1	1	-	-	-	-	1	1	-	-	-	-
C5	A	3	nt	2	-	-	-	3	nt	1	-	-	-
C5	B	4	2	-	-	-	-	2	1	-	-	-	-
C5	C	3	-	-	-	-	-	3	-	-	-	-	-
C6	A	2	-	-	-	-	-	2	-	-	-	-	-
C6	B	3	1	-	-	-	-	3	1	-	-	-	-
C6	C	3	-	-	-	-	-	3	-	-	-	-	-
C7	A	3	-	3	-	-	-	3	-	1	-	-	-
C7	B	-	-	-	-	-	-	-	-	-	-	-	-
C7	C	1	-	-	-	-	-	1	-	-	-	-	-
C8	A	3	-	-	-	-	-	1	-	-	-	-	-
C8	B	3	-	-	-	-	-	1	-	-	-	-	-
C8	C	3	-	-	-	-	-	1	-	-	-	-	-
C9	A	2	-	-	-	-	-	2	-	-	-	-	-
C9	B	2	-	-	-	-	-	2 good id	-	-	-	-	-
C9	C	-	-	-	-	-	-	-	-	-	-	-	-
C10	A	3	0	0	0	0	0	3	0	0	0	0	0
C10	B	3	0	0	0	0	0	0	0	0	0	0	0
C10	C	3	3	0	0	0	0	0	0	0	0	0	0
C12	A	-	-	-	-	-	-	-	-	-	-	-	-
C12	B	2per plate	2per plate	-	-	-	-	2	2	-	-	-	-
C12	C	2per plate	-	-	-	-	-	2	-	-	-	-	-
C13	A	-	-	-	-	-	-	-	-	-	-	-	-
C13	B	-	-	-	-	-	-	-	-	-	-	-	-
C13	C	-	-	-	-	-	-	-	-	-	-	-	-
C14	A	2	-	-	-	-	-	2	-	-	-	-	-
C14	B	6	4	-	-	-	-	6	4	-	-	-	-
C14	C	-	-	-	-	-	-	-	-	-	-	-	-

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	A	0,34994517	0,64863443	4,23895	25,7039578	32,8095293	o	o	o	o	o	o	0,63675056	0,82724852	1,89221	4,32815362	5,62301618
C1	B	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
C1	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
C2	A	0,04852885	0,09162205	0,91629	4,16869383	5,83445104	o	o	o	o	o	o	0,55270006	0,71805247	1,64244	3,75684127	4,88078316
C2	B	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
C2	C	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
C3	A																
C3	B																
C3	C																
C4	A	*0,00301995*	*0,015417*	*0,30459*	*1,35518941*	*1,98609492*	*	**	o	o	*	**	0,19220531	0,24970777	0,57117	1,30646783	1,69732649
C4	B	0,04852885	0,09162205	0,73474	2,57039578	3,35737614											
C4	C	0,04852885	0,09162205	0,73474	2,57039578	3,35737614											
C5	A	1,48593564	2,46603934	14,66261	49,6592321	65,7657837	o	o	o	o	o	o	0,97846796	1,27119822	2,90768	6,65089272	8,64065389
C5	B	0,15417005	0,32658783	1,46622	4,96592321	6,57657837											
C5	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
C6	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	0,93874277	1,21958836	2,78963	6,38087061	8,28984871
C6	B	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
C6	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
C7	A	0,15417005	0,32658783	1,43012	4,16869383	5,83445104							0,11293328	0,14671976	0,3356	0,76763591	0,99729112
C7	B																
C7	C																
C8	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	o	o	o	o	0,12002358	0,15593128	0,35667	0,81583046	1,05990412
C8	B	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C8	C	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C9	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o					0,07508919	0,09755378	0,22314	0,51040011	0,66309756
C9	B	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C9	C																
C10	A	0,04852885	0,09162205	0,91629	4,16869383	5,83445104	o	o	o	o	o	o	0,4288638	0,55716787	1,27444	2,9150951	3,78721006
C10	B	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
C10	C	0,15417005	0,32658783	2,10212	4,96592321	6,57657837											
C12	A								o	o			0,16158949	0,20993255	0,48019	1,09836439	1,42696431
C12	B	0,15417005	0,32658783	1,46622	4,96592321	6,57657837											
C12	C	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C13	A																
C13	B																
C13	C																
C14	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o					0,26428946	0,34335747	0,78538	1,79644188	2,33388707
C14	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
C14	C																

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	A	0,34994517	0,64863443	4,23895	25,7039578	32,8095293	o	o	o	o	o	o	0,63675056	0,82724852	1,89221	4,32815362	5,62301618
C1	B	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
C1	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
C2	A	0,04852885	0,09162205	0,91629	4,16869383	5,83445104	o	o	o	o	o	o	0,55270006	0,71805247	1,64244	3,75684127	4,88078316
C2	B	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
C2	C	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
C3	A																
C3	B																
C3	C																
C4	A	*0,00301995*	*0,015417*	*0,30459*	*1,35518941*	*1,98609492*	*	**	o	o	*	**	0,2325194	0,3020827	0,69097	1,58049281	2,05333208
C4	B	0,15417005	0,32658783	1,13693	4,16869383	5,83445104											
C4	C	0,04852885	0,09162205	0,73474	2,57039578	3,35737614											
C5	A	1,48593564	2,46603934	14,66261	49,6592321	65,7657837	o	o	o	o	o	o	0,97846796	1,27119822	2,90768	6,65089272	8,64065389
C5	B	0,15417005	0,32658783	1,46622	4,96592321	6,57657837											
C5	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
C6	A	0,04852885	0,09162205	0,91629	4,16869383	5,83445104	o	o	o	o	o	o	0,63675056	0,82724852	1,89221	4,32815362	5,62301618
C6	B	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
C6	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
C7	A	0,15417005	0,32658783	1,43012	4,16869383	5,83445104					o	o	0,1607011	0,20877838	0,47755	1,09232578	1,41911911
C7	B																
C7	C	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C8	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	o	o	o	o	0,12002358	0,15593128	0,35667	0,81583046	1,05990412
C8	B	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C8	C	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C9	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o					0,07508919	0,09755378	0,22314	0,51040011	0,66309756
C9	B	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C9	C																
C10	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	1,42645572	1,85321139	4,23895	9,69597813	12,5967437
C10	B	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
C10	C	1,48593564	2,46603934	23,02675	135,518941	197,696964											
C12	A								o	o			0,16158949	0,20993255	0,48019	1,09836439	1,42696431
C12	B	0,15417005	0,32658783	1,46622	4,96592321	6,57657837											
C12	C	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C13	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	o	o	o	o	0,21751098	0,28258419	0,64637	1,47847684	1,92079577
C13	B	0,00301995	0,015417	0,35667	2,57039578	3,28095293											
C13	C	0,15417005	0,32658783	1,46622	4,96592321	6,57657837											
C14	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	*	**	*	**	0,26428946	0,34335747	0,78538	1,79644188	2,33388707
C14	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
C14	C																

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol o Normal, compatible with expected dispersion regarding the MPN distribution

* Significantly different from expected dispersion regarding the MPN distribution

** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
C1	A	Presence	>100	pink	-	-	-	>100	pink	API20E	1	1
C1	B	Presence	>100	pink	-	-	-	>100	pink	-	-	-
C1	C	Presence	>100	pink	-	-	-	>100	pink	-	-	-
C2	A	Presence	P	-	-	-	-	P	Pink	-	1	1
C2	B	Presence	P	-	-	-	-	P	Pink	-	1	1
C2	C	Presence	P	-	-	-	-	P	Pink	-	1	1
C3	A	Present	10	pink	S	1	1	15	pink	S	1	1
C3	B	Present	10	pink	S	1	1	15	pink	S	1	1
C3	C	Present	0	-	-	-	-	0	-	-	-	-
C4	A	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
C4	B	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
C4	C	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
C5	A	Presence	Presence	pink	ser	3	3	Presence	pink	ser	3	3
C5	B	Presence	Presence	pink	ser	3	3	Presence	pink	ser	3	3
C5	C	Presence	Presence	pink	ser	3	3	Presence	pink	ser	3	3
C6	A	Presence	P	pink	serological	2	2	P	pink	serological	2	2
C6	B	Presence	p	pink	serological	2	2	P	pink	serological	2	2
C6	C	Presence	P	pink	serological	2	2	P	pink	serological	2	2
C7	A	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	B	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	C	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
C8	A	Presence	5	pink / red	Biochemical	3	3	7	pink/ red	Biochemical	3	3
C8	B	Presence	8	pink red	Biochemical	3	3	8	pink red	Biochemical	3	3
C8	C	Presence	3	pink	Biochemical	3	3	2	pink red	Biochemical	3	3
C9	A	Presence	Present	pink	serol and api	2	2 doubtful	Present	pink	serol and api	2	2 doubtful
C9	B	Presence	Present	pink	serol and api	2	2 good id	Present	pink	serol and api	2	2 doubtful
C9	C	Presence	Present	pink	serol and api	2	2 good id	Present	pink	serol and api	2	2doubtful
C10	A	Absence	P	pink	TSI+serology	3	0	P	pink	TSI+serology	3	0
C10	B	Absence	P	pink	TSI+serology	3	0	P	pink	TSI+serology	3	0
C10	C	Absence	P	pink	TSI+serology	3	0	P	pink	TSI+serology	3	0
C12	A	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
C12	B	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
C12	C	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
C13	A	Presence	Presence	olonies are big and pi	API20E	1	1	Presence	olonies are big and pi	API20E	1	1
C13	B	Presence	Presence	olonies are big and pi	API20E	1	1	Presence	olonies are big and pi	API20E	1	1
C13	C	Presence	Presence	olonies are big and pi	API20E	1	1	Presence	olonies are big and pi	API20E	1	1
C14	A	Presence	P	red	ex aglutination, serol	2	1	P	red	ex aglutination, serol	2	1
C14	B	Presence	P	red	ex aglutination, serol	2	1	P	red	ex aglutination, serol	2	1
C14	C	Presence	P	red	ex aglutination, serol	2	1	P	red	ex aglutination, serol	2	1

Matrix C : Pelletised air-dried sludge - batch 1

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
C1	A	>100	pinkish red	-	-	-	>100	pinkish red	API20E	1	1
C1	B	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
C1	C	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
C2	A	P	-	-	-	-	P	-	-	1	1
C2	B	P	-	-	-	-	P	-	-	1	1
C2	C	P	-	-	-	-	P	-	-	1	1
C3	A	10	pink/yellow	S	1	1	15	pink/yellow	S	1	1
C3	B	10	pink/yellow	S	1	1	15	pink/yellow	S	1	1
C3	C	0	-	-	-	-	0	-	-	-	-
C4	A	Presence	pink or yellow	Biochemical	2	2	Presence	yellow	Biochemical	2	2
C4	B	Presence	pink or yellow	Biochemical	2	1	Presence	yellow	Biochemical	2	2
C4	C	Presence	pink or yellow	Biochemical	2	2	Presence	pink	Biochemical	2	2
C5	A	Presence	yellow	ser	3	3	Presence	yellow	ser	3	3
C5	B	Presence	yellow	ser	3	3	Presence	yellow	ser	3	3
C5	C	Presence	yellow	ser	3	3	Presence	yellow	ser	3	3
C6	A	P	white	serological	2	2	P	white	serological	2	2
C6	B	P	white	serological	2	2	P	white	serological	2	2
C6	C	P	white	serological	2	2	P	white	serological	2	2
C7	A	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	B	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	C	P	light pink	serological	3	3	P	light pink	serological	3	3
C8	A	PRESENCE	nkinsh with black cen	Biochemical	3	3	4	pinkish	Biochemical	3	3
C8	B	PRESENCE	pinkish	Biochemical	3	3	ABSENCE	-	-	-	-
C8	C	9	pinkish	Biochemical	3	3	ABSENCE	-	-	-	-
C9	A	Absent	yellow/yel. b/r	serol and api	E.coli	0	Present	pink and yellow	serol and api	2	2 doubtful
C9	B	Absent	yellow	serol and api	2	0 E.coli	Present	pink, pink b/r	serol and api	2	2 doubtful
C9	C	Absent	yellow	serol and api	2	0 E.coli	Present	pink and yellow	serol and api	2	2 good id
C10	A	A	0	0	0	0	A	0	0	0	0
C10	B	A	0	0	0	0	A	0	0	0	0
C10	C	A	0	0	0	0	A	0	0	0	0
C12	A	presence	colourless	serological	3	3	presence	colourless	serological	3	3
C12	B	presence	colourless	serological	3	3	presence	colourless	serological	3	3
C12	C	presence	colourless	serological	3	3	presence	colourless	serological	3	3
C13	A	Absence	matteyellow and yel	0	0	0	Absence	matteyellow and yel	0	0	0
C13	B	Absence	matteyellow and yel	0	0	0	Absence	matteyellow and yel	0	0	0
C13	C	Absence	matteyellow and yel	0	0	0	Absence	matteyellow and yel	0	0	0
C14	A	P	red	ex aglutination, serol	2	1	P	red	ex aglutination, serol	2	1
C14	B	P	red	ex aglutination, serol	2	1	P	red	ex aglutination, serol	2	1
C14	C	P	red	ex aglutination, serol	2	1	P	red	ex aglutination, serol	2	1

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	**Replicat**	***Salmonella*** **number (per g wet weight)**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**
C1	D	1190909,1					48	8					48	8
C1	E	609090,91					11						11	
C1	F	363636,36					6	1					6	1
C2	D	4600000						46						46
C2	E	5500000						55						55
C2	F	3900000						39						39
C3	D	350000				120	35					120	35	
C3	E	370000				131	37					131	37	
C3	F	320000				122	32					122	32	
C4	D	-						29						29
C4	E	-						42						42
C4	F	-						48						48
C5	D	727273					67	13					67	13
C5	E	400000					39	5					39	5
C5	F	736364					76	5					76	5
C6	D	2800000					110	28						28
C6	E	3600000					130	36						36
C6	F	2200000					124	22						22
C7	D	6×102			6									
C7	E	2,8×103			28	6								
C7	F	1,9×103			19	2								
C8	D	2,3 x 105						23						23
C8	E	1,3 x 105						13						13
C8	F	2,1 x 105						21						21
C9	D	3600000						36						36
C9	E	2400000						24						24
C9	F	2500000						25						25
C10	D	5,0 X 10^1		35						5				
C10	E	3,64 X 10^2			30					35	5			
C10	F	7,66 X 10^2			30	10				50	25	10		
C11	D	-												
C11	E	-												
C11	F	-												
C12	D	1,8.103			18	2					18	2		
C12	E	5,5.102			4	2	1				4	2	1	
C12	F	2,0.102			2						2			
C13	D	3,4 x 105					34	7					34	7
C13	E	5,2 x 105					52	4					52	4
C13	F	3,2 x 105					32	2					32	2
C14	D	-					60	11						
C14	E	-					36	8						
C14	F	-						5						

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	D	350928,726	384561,631	509090,9091	661096,861	711987,336	*	**	o	o	*	**	167875,982	181580,886	231250	290313,084	309937,29
C1	E	43213,4031	54911,6512	110000	196820,301	227791,813											
C1	F	18521,1765	25585,1083	63636,36364	131115,112	155759,334											
C2	D	3040729,83	3367778,43	4600000	6135758,02	6652946,09	o	o	o	o	o	o	3713383,93	3925684,49	4666666,667	5506849,07	5782028,56
C2	E	3777491,66	4143353,28	5500000	7159003,38	7714738,99											
C2	F	2479070,26	2773280,4	3900000	5331427,12	5816046,38											
C3	D	113463,928	119599,185	140909,0909	164920,789	172770,013	o	o	o	o	o	o			144545,4545		
C3	E	124084,056	130505,403	152727,2727	177648,2	185782,459											
C3	F	112648,773	118761,83	140000	163940,202	171766,943											
C4	D	1700423,35	1942176,06	2900000	4164885,28	4597590,29	o	o	o	o	o	o	3092664,92	3286054,52	3966666,667	4746707,81	5003043,16
C4	E	2718388,23	3026991,67	4200000	5677179,11	6176090,88											
C4	F	3203167,23	3539139,29	4800000	6364104,29	6890148,29											
C5	D	534904,906	576681,935	727272,7273	905153,492	964141,157	*	o	*	o	o	o	515148,098	539080,005	621212,1212	712320,272	741955,813
C5	E	261738,453	290640,612	400000	536981,402	583175,799											
C5	F	542691,32	584779,268	736363,6364	915232,543	974528,399											
C6	D	996545,042	1053971,81	1254545,455	1482179,06	1556754,9	o	o	o	o	o	o			1363636,364		
C6	E	1224469,85	1288251,61	1509090,909	1756925,2	1837838,4											
C6	F	1061409,3	1120714,47	1327272,727	1560870,81	1637317,41											
C7	D	153,68925	220,188877	600	1305,94675	1565,97126	*	**	o	o	o	o	1336,25854	1458,12952	1906,25	2448,65808	2629,81725
C7	E	1896,07128	2140,54285	3090,909091	4319,23403	4737,03495											
C7	F	1006,29004	1181,75712	1909,090909	2918,24611	3267,83371											
C8	D	1252065,03	1458001,22	2300000	3451128,45	3848446,14	o	o	o	o	o	o	1314361,04	1439041,02	1900000	2461670	2649619,26
C8	E	558010,89	692194,057	1300000	2223039,52	2549677,94											
C8	F	1106919,05	1299932,83	2100000	3210070,72	3594617,09											
C9	D	2242160	2521396,98	3600000	4983918,81	5453708,7	o	o	o	o	o	o	2104354,41	2263166,44	2833333,333	3503459,13	3725346,21
C9	E	1325533,67	1537724,94	2400000	3571009,68	3974491,97											
C9	F	1399541,23	1617869,23	2500000	3690495,8	4100031,11											
C10	D	216,376525	243,787679	350	486,764922	533,236625	*	**	o	o	*	**	665,160543	709,748512	867,768595	1050,48635	1110,69152
C10	E	1776,71986	2024,08533	3000	4282,68481	4720,92633											
C10	F	2325,99696	2597,87054	3636,363636	4951,69467	5396,64312											
C11	D																
C11	E																
C11	F																
C12	D	941,208038	1110,59354	1818,181818	2808,03273	3151,63805	o	o	o	o	*	**	529,726901	605,039271	903,4267913	1297,47205	1432,27112
C12	E	183,543191	253,546118	630,6306306	1299,33894	1543,56097											
C12	F	10,3491817	24,2209491	200	722,467749	927,375631											
C13	D	239850,879	267475,691	372727,2727	505646,438	550573,543	o	o	o	o	o	o	313324,454	331905,481	396969,697	471060,318	495359,167
C13	E	350928,726	384561,631	509090,9091	661096,861	711987,336											
C13	F	189607,128	214054,285	309090,9091	431923,403	473703,495											
C14	D	465218,065	504105,347	645454,5455	814153,28	870265,927	o	o	o	o	o	o	407226,336	432573,444	521739,1304	623872,114	657427,56
C14	E	261738,453	290640,612	400000	536981,402	583175,799											
C14	F	107792,269	162348,175	500000	1166833,01	1414982,99											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	D	350928,726	384561,631	509090,9091	661096,861	711987,336	*	**	o	o	*	**	167875,982	181580,886	231250	290313,084	309937,29
C1	E	43213,4031	54911,6512	110000	196820,301	227791,813											
C1	F	18521,1765	25585,1083	63636,36364	131115,112	155759,334											
C2	D	3040729,83	3367778,43	4600000	6135758,02	6652946,09	o	o	o	o	o	o	3713383,93	3925684,49	4666666,667	5506849,07	5782028,56
C2	E	3777491,66	4143353,28	5500000	7159003,38	7714738,99											
C2	F	2479070,26	2773280,4	3900000	5331427,12	5816046,38											
C3	D	113463,928	119599,185	140909,0909	164920,789	172770,013	o	o	o	o	o	o			144545,4545		
C3	E	124084,056	130505,403	152727,2727	177648,2	185782,459											
C3	F	112648,773	118761,83	140000	163940,202	171766,943											
C4	D	1700423,35	1942176,06	2900000	4164885,28	4597590,29	o	o	o	o	o	o	3092664,92	3286054,52	3966666,667	4746707,81	5003043,16
C4	E	2718388,23	3026991,67	4200000	5677179,11	6176090,88											
C4	F	3203167,23	3539139,29	4800000	6364104,29	6890148,29											
C5	D	534904,906	576681,935	727272,7273	905153,492	964141,157	*	o	*	o	o	o	515148,098	539080,005	621212,1212	712320,272	741955,813
C5	E	261738,453	290640,612	400000	536981,402	583175,799											
C5	F	542691,32	584779,268	736363,6364	915232,543	974528,399											
C6	D	1624531,33	1860578,28	2800000	4046780,18	4473849,41	o	o	o	o	o	o	2133041,71	2292964,19	2866666,667	3540308,2	3763297,12
C6	E	2242160	2521396,98	3600000	4983918,81	5453708,7											
C6	F	1179181,02	1378727,14	2200000	3330823,42	3721835,33											
C7	D																
C7	E																
C7	F																
C8	D	1252065,03	1458001,22	2300000	3451128,45	3848446,14	o	o	o	o	o	o	1314361,04	1439041,02	1900000	2461670	2649619,26
C8	E	558010,89	692194,057	1300000	2223039,52	2549677,94											
C8	F	1106919,05	1299932,83	2100000	3210070,72	3594617,09											
C9	D	2242160	2521396,98	3600000	4983918,81	5453708,7	o	o	o	o	o	o	2104354,41	2263166,44	2833333,333	3503459,13	3725346,21
C9	E	1325533,67	1537724,94	2400000	3571009,68	3974491,97											
C9	F	1399541,23	1617869,23	2500000	3690495,8	4100031,11											
C10	D	10,7792269	16,2348175	50	116,683301	141,498299	*	**	*	**	*	**	319,345547	338,363322	404,9844237	480,886017	505,782724
C10	E	232,599696	259,787054	363,6363636	495,169467	539,664312											
C10	F	568,744436	611,666607	765,7657658	946,880845	1006,85033											
C11	D																
C11	E																
C11	F																
C12	D	941,208038	1110,59354	1818,181818	2808,03273	3151,63805	o	o	o	o	*	**	529,726901	605,039271	903,4267913	1297,47205	1432,27112
C12	E	183,543191	253,546118	630,6306306	1299,33894	1543,56097											
C12	F	10,3491817	24,2209491	200	722,467749	927,375631											
C13	D	239850,879	267475,691	372727,2727	505646,438	550573,543	o	o	o	o	o	o	313324,454	331905,481	396969,697	471060,318	495359,167
C13	E	350928,726	384561,631	509090,9091	661096,861	711987,336											
C13	F	189607,128	214054,285	309090,9091	431923,403	473703,495											
C14	D																
C14	E																
C14	F																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
C1	D	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	API20E
C1	E	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
C1	F	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
C2	D	1100000000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
C2	E	>1100000000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
C2	F	>110000000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
C3	D	93000	3	3	3	3	3	2	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	Serological
C3	E	460000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
C3	F	240000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	Serological
C4	D	1500000					3	3	-	-	-	-	pink/yellow	pink/yellow	-	-	-	-	biochemical	biochemical
C4	E	2400000					3	3	-	-	-	-	pink/yellow	pink/yellow	-	-	-	-	biochemical	biochemical
C4	F	2900000					3	3	-	-	-	-	pink/yellow	pink/yellow	-	-	-	-	biochemical	biochemical
C5	D	46000000	3	3	3	3	3	3	yellow	yellow	yellow	yellow	yellow	yellow	-	-	-	-	-	bio
C5	E	46000000	3	3	3	3	3	3	yellow	yellow	yellow	yellow	yellow	yellow	-	-	-	-	-	bio
C5	F	4600000	3	3	3	3	3	3	yellow	yellow	yellow	yellow	yellow	yellow	-	-	-	-	-	ser
C6	D	>110000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
C6	E	>110000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
C6	F	>110000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
C7	D	2,4×103	3	3	3	3	0	0	light pink	light pink	light pink	light pink	-	-	serological	serological	serological	serological	-	-
C7	E	1,1×104	3	3	3	3	2	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
C7	F	4,6×103	3	3	3	3	1	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
C8	D	> 110 * 103	0	1	1	1	2	3	-	pinkish	pinkish	pinkish	pinkish	pinkish	-	biochemical	biochemical	biochemical	biochemical	biochemical
C8	E	110 * 103	3	2	1	1	0	0	pinkish	pinkish	pinkish	pinkish	-	-	biochemical	biochemical	biochemical	biochemical	-	-
C8	F	> 110 * 103	2	2	2	2	2	2	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
C9	D	>11000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API20 E	-	-	-	-	API20 E
C9	E	>11000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API20 E	-	API20 E	-	-	API20 E
C9	F	>11000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API20 E	-	API20 E	API20 E	-	API20 E
C10	D	4,6*10^1	3	3	1	0	0	0	pink	pink	pink	-	-	-	-	-	TSI+serology	-	-	-
C10	E	1,5*10^2	2	0	1	1	0	0	pink	-	pink	pink	-	-	-	-	-	TSI+serology	-	-
C10	F	2,4*10^2	3	3	3	0	0	0	pink	pink	pink	-	-	-	-	-	TSI+serology	-	-	-
C11	D	430	3	3	3	1	0	0	shred-black c	shred-black c	shred-black c	shred-black c	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serol	-	-
C11	E	380	3	3	3	0	1	0	shred-black c	shred-black c	shred-black c	-	shred-black c	-	hemical/serol	hemical/serol	hemical/serol	-	hemical/serol	-
C11	F	430	3	3	3	1	0	0	shred-black c	shred-black c	shred-black c	shred-black c	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serol	-	-
C12	D	>1,1.105	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
C12	E	>1,1.105	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
C12	F	>1,1.105	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
C13	D	>1,1 x 105	3	3	3	3	3	3	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	-	-	-	-	-	mnivalent seru
C13	E	>1,1 x 105	3	3	3	3	3	3	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	-	-	-	-	-	mnivalent seru
C13	F	>1,1 x 105	3	3	3	3	3	3	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	ow colonies, s	-	-	-	-	-	mnivalent seru
C14	D	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-
C14	E	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-
C14	F	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
C1	D	-	-	-	-	-	1	-	-	-	-	-	3	3/3/3	>110
C1	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
C1	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
C2	D	-	-	-	-	-	-	3	-	-	-	-	-	3/3/2	110
C2	E	-	-	-	-	-	-	3	-	-	-	-	-	3/3/3	>110
C2	F	-	-	-	-	-	-	3	-	-	-	-	-	3/3/3	>110
C3	D	-	-	-	-	-	1	-	-	-	-	-	1	3/2/0	9,3
C3	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
C3	F	-	-	-	-	-	1	-	-	-	-	-	1	3/3/0	24
C4	D	-	-	-	-	2	2	-	-	-	-	3	3	3/2/1	15
C4	E	-	-	-	-	2	2	-	-	-	-	3	3	3/3/0	24
C4	F	-	-	-	-	2	2	-	-	-	-	3	3	3/2/3	29
C5	D	-	-	-	-	-	1	-	-	-	-	-	0	3/3/1	46
C5	E	-	-	-	-	-	1	-	-	-	-	-	1	3/3/1	46
C5	F	-	-	-	-	-	2	-	-	-	-	-	2	3/3/1	46
C6	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
C6	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
C6	F	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
C7	D	3	3	3	3	-	-	3	3	3	3	-	-	3/3/0	24
C7	E	3	3	3	3	3	-	3	3	3	3	2	-	3/3/2	110
C7	F	3	3	3	3	3	-	3	3	3	3	1	-	3/3/1	46
C8	D	-	1	1	1	2	3	-	1	1	1	2	3	3/3/3	> 110
C8	E	3	2	1	1	-	-	3	2	1	1	-	-	3/3/2	110
C8	F	2	2	2	2	2	2	2	2	2	2	2	2	3/3/3	> 110
C9	D	2	-	-	-	-	2	Salm (good id	-	-	-	-	Salm (good id	3/3/3	>110
C9	E	2	-	2	-	-	2	Salm (good id	-	Salm (good id	-	-	Salm (good id	3/3/3	>110
C9	F	2	-	2	2	-	2	Salm (good id	-	Salm (good id	Salm (good id	-	Salm (good id	3/3/3	>110
C10	D	-	-	3	-	-	-	-	-	3	-	-	-	3/3/1	46
C10	E	-	-	-	3	-	-	-	-	-	3	-	-	3/2/1	15
C10	F	-	-	3	-	-	-	-	-	3	-	-	-	3/3/0	24
C11	D	5/plate	5/plate	5/plate	5/plate	-	-	3	3	3	1	-	-	3/1/0	4,3
C11	E	5/plate	5/plate	5/plate	-	5/plate	-	3	3	3	0	1	-	3/0/1	3,8
C11	F	5/plate	5/plate	5/plate	5/plate	-	-	3	3	3	1	-	-	3/1/0	4,3
C12	D	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
C12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
C12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
C13	D	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
C13	E	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
C13	F	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
C14	D	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
C14	E	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
C14	F	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
C1	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
C1	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
C1	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
C2	D	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
C2	E	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
C2	F	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
C3	D	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	none	none	none	none	none	Serological
C3	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
C3	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	Serological
C4	D					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
C4	E					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
C4	F					3	3	-	-	-	-	pink	pink	-	-	-	-	biochemical	biochemical
C5	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	bio
C5	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	bio
C5	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	ser
C6	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
C6	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
C6	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
C7	D	3	3	3	3	0	0	pink, flat	pink, flat	pink, flat	pink, flat	-	-	serological	serological	serological	serological	-	-
C7	E	3	3	3	3	2	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
C7	F	3	3	3	3	1	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
C8	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
C8	E	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
C8	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
C9	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API20 E	-	-	-	-	API20 E
C9	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API20 E	-	-	-	-	API20 E
C9	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API20 E	-	-	API20 E	-	API20 E
C10	D	3	3	1	0	0	0	pink	pink	pink	-	-	-	-	-	TSI+serology	-	-	-
C10	E	3	3	2	1	0	0	pink	pink	pink	pink	-	-	-	-	-	TSI+serology	-	-
C10	F	3	3	3	0	0	0	pink	pink	pink	-	-	-	-	-	TSI+serology	-	-	-
C11	D	3	3	3	1	0	0	pink	pink	pink	pink	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
C11	E	3	3	3	0	1	0	pink	pink	pink	-	pink	-	hemical/serol	hemical/serol	hemical/serol	-	hemical/serolo	-
C11	F	3	3	3	1	0	0	pink	pink	pink	pink	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
C12	D	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
C12	E	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
C12	F	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
C13	D	3	3	3	3	3	3	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	-	-	-	-	-	E+omnivalent
C13	E	3	3	3	3	3	3	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	-	-	-	-	-	E+omnivalent
C13	F	3	3	3	3	3	3	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	sia-red coloni	-	-	-	-	-	E+omnivalent
C14	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
C14	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	n, api20E, se	ation, api20E,	tion, api20E,	ion, serologica	on, serologica	on, serologica
C14	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
C1	D	-	-	-	-	-	-	-	-	-	-	-	-
C1	E	-	-	-	-	-	-	-	-	-	-	-	-
C1	F	-	-	-	-	-	-	-	-	-	-	-	-
C2	D	-	-	-	-	-	-	-	-	-	-	-	-
C2	E	-	-	-	-	-	-	3	-	-	-	-	-
C2	F	-	-	-	-	-	-	3	-	-	-	-	-
C3	D	-	-	-	-	-	1	-	-	-	-	-	1
C3	E	-	-	-	-	-	-	-	-	-	-	-	-
C3	F	-	-	-	-	-	1	-	-	-	-	-	1
C4	D	-	-	-	-	1	1	-	-	-	-	3	3
C4	E	-	-	-	-	1	1	-	-	-	-	3	3
C4	F	-	-	-	-	1	1	-	-	-	-	3	3
C5	D	-	-	-	-	-	1	-	-	-	-	-	1
C5	E	-	-	-	-	-	1	-	-	-	-	-	1
C5	F	-	-	-	-	-	2	-	-	-	-	-	2
C6	D	3	3	3	3	3	3	3	3	3	3	3	3
C6	E	3	3	3	3	3	3	3	3	3	3	3	3
C6	F	3	3	3	3	3	3	3	3	3	3	3	3
C7	D	3	3	3	3	-	-	3	3	3	3	-	-
C7	E	3	3	3	3	3	-	3	3	3	3	2	-
C7	F	3	3	3	3	3	-	3	3	3	3	1	-
C8	D	3	3	3	3	3	3	3	3	3	3	3	3
C8	E	3	3	3	3	3	2	3	3	3	3	3	2
C8	F	3	3	3	3	3	3	3	3	3	3	3	3
C9	D	2	-	-	-	-	2	2	-	-	-	-	Salm (good id
C9	E	2	-	-	-	-	2	Salm (good id	-	-	-	-	Salm (good id
C9	F	2	-	-	2	-	2	Salm (good id	-	-	Salm (good id	-	Salm (good id
C10	D	-	-	3	-	-	-	-	-	3	-	-	-
C10	E	-	-	-	3	-	-	-	-	-	3	-	-
C10	F	-	-	3	-	-	-	-	-	3	-	-	-
C11	D	5/plate	5/plate	5/plate	5/plate	-	-	5/plate	3	3	1	-	-
C11	E	5/plate	5/plate	5/plate	-	5/plate	-	3	3	3	0	1	-
C11	F	5/plate	5/plate	5/plate	5/plate	-	-	3	3	3	1	-	-
C12	D	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2
C12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
C12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
C13	D	-	-	-	-	-	1	-	-	-	-	-	1
C13	E	-	-	-	-	-	1	-	-	-	-	-	1
C13	F	-	-	-	-	-	1	-	-	-	-	-	1
C14	D	1	1	1	1	1	1	1	3	3	3	3	3
C14	E	1	1	1	1	1	1	3	3	3	3	3	3
C14	F	1	1	1	1	1	1	3	3	3	3	3	3

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	D																	
C1	E																	
C1	F																	
C2	D																	
C2	E																	
C2	F																	
C3	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771	
C3	E																	
C3	F																	
C4	D																	
C4	E																	
C4	F																	
C5	D																	
C5	E																	
C5	F																	
C6	D																	
C6	E																	
C6	F																	
C7	D	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	1437,87425	1868,04603	4272,88206	9773,59275	12697,5785	
C7	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806												
C7	F	322,106879	622,300285	4272,88206	20606,2991	28707,8058												
C8	D								o	o			1,58767168	2,06265866	4,71803	10,7918036	14,0204095	
C8	E	1,48593564	2,46603934	20,43327	49,6592321	65,7657837												
C8	F	0,71121351	1,11686325	8,27862	25,7039578	33,419504												
C9	D																	
C9	E																	
C9	F																	
C10	D	3,07609681	5,94292159	42,39259	254,683025	320,626932	*	o	*	**	o	o	2,47341388	3,21339016	7,35016	16,812416	21,8422208	
C10	E	0,15417005	0,32658783	1,98302	4,96592321	6,57657837												
C10	F	14,8593564	24,6603934	230,34855	1355,18941	1905,46072												
C11	D	31,1888958	59,7035287	424,22826	2511,88643	3090,29543	o	o	o	o	o	o	137,587443	178,749759	408,86393	935,216439	1215,00705	
C11	E	31,1888958	59,7035287	382,7819	1355,18941	1905,46072												
C11	F	31,1888958	59,7035287	424,22826	2511,88643	3090,29543												
C12	D																	
C12	E																	
C12	F																	
C13	D																	
C13	E																	
C13	F																	
C14	D																	
C14	E																	
C14	F																	

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
C1	D																
C1	E																
C1	F																
C2	D																
C2	E																
C2	F																
C3	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
C3	E																
C3	F																
C4	D																
C4	E																
C4	F																
C5	D																
C5	E																
C5	F																
C6	D																
C6	E																
C6	F																
C7	D	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	1437,87425	1868,04603	4272,88206	9773,59275	12697,5785
C7	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
C7	F	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
C8	D												73939,1498	96059,6764	219722,46	502582,99	652941,771
C8	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
C8	F																
C9	D																
C9	E																
C9	F																
C10	D	3,07609681	5,94292159	42,39259	254,683025	320,626932	o	o	o	o	o	o	36,7423522	47,7346368	109,186	249,747005	324,464327
C10	E	14,8593564	24,6603934	146,65024	489,778819	639,734835											
C10	F	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
C11	D	31,1888958	59,7035287	424,22826	2511,88643	3090,29543	o	o	o	o	o	o	137,587443	178,749759	408,86393	935,216439	1215,00705
C11	E	31,1888958	59,7035287	382,7819	1355,18941	1905,46072											
C11	F	31,1888958	59,7035287	424,22826	2511,88643	3090,29543											
C12	D																
C12	E																
C12	F																
C13	D																
C13	E																
C13	F																
C14	D																
C14	E																
C14	F																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
C1	D	Presence	>100	pink	API20E	1	1	>100	pink	-	-	-
C1	E	Presence	>100	pink	-	-	-	>100	pink	-	-	-
C1	F	Presence	>100	pink	-	-	-	>100	pink	-	-	-
C2	D	Presence	-	-	-	-	-	P	Pink	-	-	-
C2	E	Presence	-	-	-	-	-	P	PINK	-	-	-
C2	F	Presence	-	-	-	-	-	P	PINK	-	-	-
C3	D	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
C3	E	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
C3	F	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
C4	D	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
C4	E	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
C4	F	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
C5	D	Presence	presence	pink	ser	1	1	presence	pink	ser	1	1
C5	E	Presence	presence	pink	bio	1	1	presence	pink	bio	1	1
C5	F	Presence	presence	pink	ser	1	1	presence	pink	bio	1	1
C6	D	Presence	P	pink	serological	2	2	P	pink	serological	2	2
C6	E	Presence	P	pink	serological	2	2	P	pink	serological	2	2
C6	F	Presence	P	pink	serological	2	2	P	pink	serological	2	2
C7	D	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	E	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	F	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
C8	D	Presence	presence (18)	pink	Biochemical	3	3	presence (3)	pink	Biochemical	3	3
C8	E	Presence	presence (19)	pink	Biochemical	3	3	presence (8)	pink	Biochemical	3	3
C8	F	Presence	presence (15)	pink	Biochemical	3	3	presence (12)	pink	Biochemical	3	3
C9	D	Presence	Absent	green	-	-	-	Present	pink	API 20E	1	1(Salm good id)
C9	E	Presence	Present	pink	API 20E	1	1(Salm good id)	Present	pink	API 20E	1	1(Salm good id)
C9	F	Presence	Present	pink	API 20E	1	1(Salm good id)	Present	pink	API 20E	1	1(Salm good id)
C10	D	Presence	P	pink	TSI+serology	3	3	P	pink	TSI+serology	3	3
C10	E	Presence	P	pink	TSI+serology	3	3	P	pink	TSI+serology	3	3
C10	F	Presence	P	pink	TSI+serology	3	3	P	pink	TSI+serology	3	3
C11	D	Presence	130	pink	Biochemical	5	5	180	pink	-	5	5
C11	E	Presence	120	pink	Biochemical	5	5	260	pink	-	5	5
C11	F	Presence	210	pink	Biochemical	5	5	190	pink	0	5	5
C12	D	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
C12	E	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
C12	F	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
C13	D	Presence	Presence	greyish pink colonies	API20E	1	1	Presence	greyish pink colonies	API20E	1	1
C13	E	Presence	Presence	greyish pink colonies	API20E	1	1	Presence	greyish pink colonies	API20E	1	1
C13	F	Presence	Presence	greyish pink colonies	API20E	1	1	Presence	greyish pink colonies	API20E	1	1
C14	D	Presence	presence	red	-	3	3	presence	red	-	3	3
C14	E	Presence	presence	red	ination, serological a	3	3	presence	red	ination, serological a	3	3
C14	F	Presence	presence	red	-	3	3	presence	red	-	3	3

Matrix C : Pelletised air-dried sludge - batch 2

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
C1	D	>100	pinkish red	API20E	1	1	>100	pinkish red	-	-	-
C1	E	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
C1	F	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
C2	D	-	-	-	-	-	P	-	-	-	-
C2	E	-	-	-	-	-	P	-	-	-	-
C2	F	-	-	-	-	-	P	-	-	-	-
C3	D	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
C3	E	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
C3	F	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
C4	D	Presence	pink or yellow	biochemical	2	2	Presence	pink or yellow	biochemical	2	2
C4	E	Presence	pink or yellow	biochemical	2	2	Presence	pink or yellow	biochemical	2	2
C4	F	Presence	pink or yellow	biochemical	2	2	Presence	pink or yellow	biochemical	2	2
C5	D	presence	yellow	ser	1	1	presence	yellow	ser	1	1
C5	E	presence	yellow	bio	1	1	presence	yellow	bio	1	1
C5	F	presence	yellow	ser	1	1	presence	yellow	bio	1	1
C6	D	P	white	serological	2	2	P	white	serological	2	2
C6	E	P	white	serological	2	2	P	white	serological	2	2
C6	F	P	white	serological	2	2	P	white	serological	2	2
C7	D	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	E	P	light pink	serological	3	3	P	light pink	serological	3	3
C7	F	P	light pink	serological	3	3	P	light pink	serological	3	3
C8	D	absence	-	-	-	-	absence	-	-	-	-
C8	E	presence (6)	pinkish	biochemical	3	3	presence (6)	pinkish	biochemical	3	3
C8	F	presence (10)	pinkish	biochemical	3	3	presence (14)	pinkish	biochemical	3	3
C9	D	Present	Yellow/pink	API 20E	1	1(Salm good id)	Present	pink	API 20E	1	1(Salm good id)
C9	E	Absent	yellow	API 20 E	1	0 (E.coli)	Present	pink	API 20E	1	1(Salm good id)
C9	F	Present	pink/yellow	API 20 E	2	Salm other E.coli(yello	Present	pink	API 20E	1	1(Salm good id)
C10	D	P	(*)pink	TSI+serology	3	3	P	(*) pink	TSI+serology	3	3
C10	E	P	(*)pink	TSI+serology	3	3	P	(*)pink	TSI+serology	3	3
C10	F	A	-	-	-	-	A	-	-	-	-
C11	D	0	black	Biochemical	-	-	0	black	-	-	-
C11	E	0	black	Biochemical	-	-	0	black	-	-	-
C11	F	0	black	Biochemical	-	-	0	black	-	-	-
C12	D	presence	colourless	serological	3	3	presence	colourless	serological	3	3
C12	E	presence	colourless	serological	3	3	presence	colourless	serological	3	3
C12	F	presence	colourless	serological	3	3	presence	colourless	serological	3	3
C13	D	Presence	ng yellow precipitatio	API20E	1	1	Presence	ng yellow precipitatio	API20E	1	1
C13	E	Presence	ng yellow precipitatio	API20E	1	1	Presence	ng yellow precipitatio	API20E	1	1
C13	F	Presence	ng yellow precipitatio	API20E	1	1	Presence	ng yellow precipitatio	API20E	1	1
C14	D	presence	red	nation, serological c	3	3	presence	red	nation, serological c	3	3
C14	E	presence	red	-	3	3	presence	red	-	3	3
C14	F	presence	red	-	3	3	presence	red	-	3	3

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
D1	A	3000				3						3		
D1	B	4000				4						4		
D1	C	4000				4						4		
D2	A	-												
D2	B	-												
D2	C	-												
D3	A	300000				301						301		
D3	B	230000				230						230		
D3	C	300000				301						301		
D4	A	3800			38	3					38			
D4	B	3400			34	4					34			
D4	C	2800			28	3					28			
D5	A	345		34	4					34	4			
D5	B	955		102	3					102	3			
D5	C	1045		113	2					113	2			
D6	A	2800			28	3	1				28	3	1	
D6	B	6636			62	11	3				62	11	3	
D6	C	5400			54	2					54	2		
D7	A	3,7×102		37	1									
D7	B	2,6×102		26										
D7	C	2,4×102		24										
D8	A	7 * 102			7						7			
D8	B	2,5*103			25						25			
D8	C	4,4 * 102		44	4					44	4			
D9	A	2200			22	3					22	3		
D9	B	1700		158	17	4				158	17	4		
D9	C	2100			21	3	1				21	3	1	
D10	A	3,50 x 10^6						115						35
D10	B	2,5 x 10^6						200						25
D10	C	2,00 x 10^7						200						200
D11	A	-												
D11	B	-												
D11	C	-												
D12	A	1,8.103			18	2								
D12	B	2,4.102		23	3	4								
D12	C	4,5.102			1	4					1	4		
D13	A	2,5 x 102		25	5					25	5			
D13	B	5,0 x 101		5						5				
D13	C	1,4 x 102		14	1	1	1			14	1	1	1	
D14	A	900		90	6									
D14	B	850		85	4									
D14	C	900			9									

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	A	337,866676	618,67096	3000	8767,27228	10977,4305	o	o	o	o	o	o	1440,44677	1830,38837	3666,666667	6560,67669	7593,06044
D1	B	672,201368	1089,86233	4000	10241,6004	12594,0274											
D1	C	672,201368	1089,86233	4000	10241,6004	12594,0274											
D2	A																
D2	B																
D2	C																
D3	A	258190,184	267952,735	301000	336997,49	348639,293	*	o	*	o	o	o			277333,3333		
D3	B	192814,636	201233,922	230000	261724,359	272024,862											
D3	C	258190,184	267952,735	301000	336997,49	348639,293											
D4	A	2398,50879	2674,75691	3727,272727	5056,46438	5505,73543	o	o	o	o	o	o	2571,6172	2739,59403	3333,333333	4017,5678	4242,78863
D4	B	2181,65248	2444,64025	3454,545455	4741,63043	5177,75878											
D4	C	1684,92397	1914,8178	2818,181818	4000,18109	4403,5429											
D5	A	218,165248	244,464025	345,4545455	474,163043	517,775878	*	**	o	o	*	**	662,136623	689,32092	781,8181818	883,269166	916,151601
D5	B	731,676598	780,723363	954,5454545	1155,53499	1221,76068											
D5	C	811,419805	863,129959	1045,454545	1254,90974	1323,78858											
D6	A	1739,17727	1971,88938	2882,882883	4069,76724	4474,33638	*	**	o	o	o	o	4002,77823	4212,66228	4939,759036	5756,31208	6022,95798
D6	B	4993,05796	5394,53529	6846,846847	8569,85108	9141,94644											
D6	C	3509,28726	3845,61631	5090,909091	6610,96861	7119,87336											
D7	A	218,165248	244,464025	345,4545455	474,163043	517,775878	o	o	o	o	o	o	211,984463	227,67277	283,8709677	349,737067	371,527769
D7	B	147,405386	169,840663	260	380,960316	422,508814											
D7	C	132,553367	153,772494	240	357,100968	397,449197											
D8	A	203,732941	281,436191	700	1442,26623	1713,35267	*	o	*	**	o	o	452,611844	487,961638	615,3846154	765,899108	815,811748
D8	B	1399,54123	1617,86923	2500	3690,4958	4100,03111											
D8	C	291,197021	321,739935	436,3636364	578,554936	626,377117											
D9	A	1272,31021	1470,79021	2272,727273	3354,99618	3727,30101	o	o	o	o	o	o	1441,7706	1504,87233	1720,510894	1958,37557	2035,61338
D9	B	1319,07276	1385,01927	1612,612613	1866,93373	1949,85288											
D9	C	1260,84796	1457,53984	2252,252252	3324,77099	3693,72172											
D10	A	8925617,86	9494429,55	11500000	13804007,1	14561674,4	*	**	o	o	*	**			17166666,67		
D10	B	16545143,8	17324083,4	20000000	22972191,6	23939414											
D10	C	16545143,8	17324083,4	20000000	22972191,6	23939414											
D11	A																
D11	B																
D11	C																
D12	A	941,208038	1110,59354	1818,181818	2808,03273	3151,63805	*	**	o	o	*	o	284,02193	311,530322	413,5338346	538,270931	580,055563
D12	B	160,064852	182,35003	270,2702703	385,827461	425,308678											
D12	C	97,9929718	147,58925	454,5454545	1060,75728	1286,34818											
D13	A	161,519987	184,007758	272,7272727	389,334983	429,175121	*	**	o	o	o	o	109,944305	120,946945	161,9433198	212,366984	229,285028
D13	B	10,7792269	16,2348175	50	116,683301	141,498299											
D13	C	74,2632724	89,1369809	153,0153015	244,992159	277,142546											
D14	A	660,370944	706,911742	872,7272727	1065,74985	1129,4795	o	o	o	o	o	o	695,659701	728,956393	843,4782609	970,886634	1012,36987
D14	B	605,256279	649,766195	809,0909091	995,655551	1057,36261											
D14	C	313,238293	411,536858	900	1708,47907	1999,84279											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	A	337,866676	618,67096	3000	8767,27228	10977,4305	o	o	o	o	o	o	1440,44677	1830,38837	3666,666667	6560,67669	7593,06044
D1	B	672,201368	1089,86233	4000	10241,6004	12594,0274											
D1	C	672,201368	1089,86233	4000	10241,6004	12594,0274											
D2	A																
D2	B																
D2	C																
D3	A	258190,184	267952,735	301000	336997,49	348639,293	*	o	*	o	o	o			277333,3333		
D3	B	192814,636	201233,922	230000	261724,359	272024,862											
D3	C	258190,184	267952,735	301000	336997,49	348639,293											
D4	A	2399,81772	2689,10428	3800	5215,79348	5695,53465	o	o	o	o	o	o	2537,34726	2712,13353	3333,333333	4054,22516	4292,01515
D4	B	2085,67841	2354,59714	3400	4751,15743	5210,73844											
D4	C	1624,53133	1860,57828	2800	4046,78018	4473,84941											
D5	A	218,165248	244,464025	345,4545455	474,163043	517,775878	*	**	o	o	*	**	662,136623	689,32092	781,8181818	883,269166	916,151601
D5	B	731,676598	780,723363	954,5454545	1155,53499	1221,76068											
D5	C	811,419805	863,129959	1045,454545	1254,90974	1323,78858											
D6	A	1739,17727	1971,88938	2882,882883	4069,76724	4474,33638	*	**	o	o	o	o	4002,77823	4212,66228	4939,759036	5756,31208	6022,95798
D6	B	4993,05796	5394,53529	6846,846847	8569,85108	9141,94644											
D6	C	3509,28726	3845,61631	5090,909091	6610,96861	7119,87336											
D7	A																
D7	B																
D7	C																
D8	A	203,732941	281,436191	700	1442,26623	1713,35267	*	o	*	**	o	o	452,611844	487,961638	615,3846154	765,899108	815,811748
D8	B	1399,54123	1617,86923	2500	3690,4958	4100,03111											
D8	C	291,197021	321,739935	436,3636364	578,554936	626,377117											
D9	A	1272,31021	1470,79021	2272,727273	3354,99618	3727,30101	o	o	o	o	o	o	1441,7706	1504,87233	1720,510894	1958,37557	2035,61338
D9	B	1319,07276	1385,01927	1612,612613	1866,93373	1949,85288											
D9	C	1260,84796	1457,53984	2252,252252	3324,77099	3693,72172											
D10	A	2163765,25	2437876,79	3500000	4867649,22	5332366,25	o	o	*	**	*	**	7344846,54	7645134,67	8666666,667	9786681,89	10149650,7
D10	B	1399541,23	1617869,23	2500000	3690495,8	4100031,11											
D10	C	16545143,8	17324083,4	20000000	22972191,6	23939414											
D11	A																
D11	B																
D11	C																
D12	A												97,9929718	147,58925	454,5454545	1060,75728	1286,34818
D12	B																
D12	C	97,9929718	147,58925	454,5454545	1060,75728	1286,34818											
D13	A	161,519987	184,007758	272,7272727	389,334983	429,175121	*	**	o	o	o	o	109,944305	120,946945	161,9433198	212,366984	229,285028
D13	B	10,7792269	16,2348175	50	116,683301	141,498299											
D13	C	74,2632724	89,1369809	153,0153015	244,992159	277,142546											
D14	A						o	o	o	o	o	o					
D14	B																
D14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
D1	A	2400	3	3	3	3	0	0	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-	-	-
D1	B	2400	3	3	3	3	0	0	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-	-	-
D1	C	11000	3	3	3	3	2	0	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-	-	-
D2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3	A	460000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
D3	B	460000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
D3	C	150000	3	3	3	3	3	2	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	Serological
D4	A	2400			3	3	0	0	-	-	yellow	yellow	-	-	-	-	Biochemical	Biochemical	-	-
D4	B	15000			3	3	2	1	-	-	yellow	yellow	yellow	yellow	-	-	Biochemical	Biochemical	Biochemical	Biochemical
D4	C	11000			3	3	2	0	-	-	yellow	yellow	yellow	yellow	-	-	Biochemical	Biochemical	Biochemical	Biochemical
D5	A	11000	3	3	3	2	0	0	yellow	yellow	yellow	yellow	no growth	no growth	-	ser	ser	ser	-	-
D5	B	46000	3	3	3	3	1	0	yellow	yellow	yellow	yellow	yellow	no growth	-	-	ser	ser	1	-
D5	C	2400	3	3	3	3	0	0	yellow	yellow	yellow	yellow	no growth	no growth	-	-	ser	ser	-	-
D6	A	1100	3	3	3	3	2	0	white	white	white	white	white	-	serological	serological	serological	serological	serological	-
D6	B	1500	3	3	3	3	2	0	white	white	white	white	white	-	serological	serological	serological	serological	serological	-
D6	C	2400	3	3	3	3	3	0	white	white	white	white	white	-	serological	serological	serological	serological	serological	-
D7	A	4,6×103	3	3	3	3	1	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
D7	B	1,1×103	3	3	3	2	0	0	light pink	light pink	light pink	light pink	-	-	serological	serological	serological	serological	-	-
D7	C	1,1×103	3	3	3	2	0	0	light pink	light pink	light pink	light pink	-	-	serological	serological	serological	serological	-	-
D8	A	24	3	2	2	0	0	0	pinkish	pinkish	pinkish	-	-	-	biochemical	biochemical	biochemical	-	-	-
D8	B	110	3	1	3	2	0	0	pinkish	pinkish	pinkish	pinkish	-	-	biochemical	biochemical	biochemical	biochemical	-	-
D8	C	240	2	2	2	2	0	0	pinkish	pinkish	pinkish	pinkish	-	-	biochemical	biochemical	biochemical	biochemical	-	-
D9	A	460	3	3	3	3	1	0	Pink	Pink	Pink	Pink	Pink	-	API 20 E	-	-	-	-	-
D9	B	240	3	3	3	3	0	0	Pink	Pink	Pink	Pink	-	-	Api 20 e	-	-	-	-	-
D9	C	240	3	3	3	3	0	0	Pink	Pink	Pink	Pink	-	-	API 20 E	-	-	-	-	-
D10	A	1,1*10^5	3	3	3	3	3	2	pink	pink	pink	pink	pink	Yellow	-	-	-	-	-	TSI+serology
D10	B	1,10*10^5	3	2	3	3	3	1	pink	pink	pink	pink	pink	Yellow	-	-	-	-	-	TSI+serology
D10	C	>1,10*10^5	1	0	3	3	3	3	pink	-	pink	pink	pink	Yellow	-	-	-	-	-	TSI+serology
D11	A	230	2	2	3	0	0	0	shred-black c	shred-black c	shred-black c	-	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serol	-	-
D11	B	4300	2	3	1	0	0	0	shred-black c	shred-black c	shred-black c	-	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serol	-	-
D11	C	240	3	3	2	0	0	0	shred-black c	shred-black c	shred-black c	-	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serol	-	-
D12	A	>1,1.105	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
D12	B	>1,1.105	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
D12	C	>1,1.105	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
D13	A	0	3	3	3	2	0	0	-edges, saom	-edges, saom	-edges, saom	-edges, saom	-	-	-	-	-	nnivalent seru	-	-
D13	B	0	3	3	3	3	0	0	-edges, saom	-edges, saom	-edges, saom	-edges, saom	-	-	-	-	-	nnivalent seru	-	-
D13	C	0	3	3	3	2	0	0	-edges, saom	-edges, saom	-edges, saom	-edges, saom	-	-	-	-	-	nnivalent seru	-	-
D14	A	110000	3	3	3	3	3	2	red	red	red	red	red	red	-	-	-	-	-	-
D14	B	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-
D14	C	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-2 : observed results by the participants

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
D1	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
D1	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
D1	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
D2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
D3	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
D3	C	-	-	-	-	-	1	-	-	-	-	-	1	3/2/1	15
D4	A	-	-	1	1	-	-	-	-	3	3	0	0	3/3/0	24
D4	B	-	-	1	1	1	1	-	-	3	3	2	1	3/2/1	15
D4	C	-	-	1	1	1	1	-	-	3	3	2	0	3/3/2	110
D5	A	-	3	3	2	-	-	-	3	3	2	-	-	3/3/2	110
D5	B	-	-	3	3	1	-	-	-	3	3	1	-	3/3/1	46
D5	C	-	-	3	3	-	-	-	-	3	3	-	-	3/3/0	24
D6	A	3	3	3	6	4	-	3	3	3	3	2	-	3/3/2	110
D6	B	3	3	3	3	4	-	3	3	3	3	2	-	3/2/1	15
D6	C	3	3	3	3	3	-	3	3	3	3	3	-	3/3/0	24
D7	A	3	3	3	3	3	-	3	3	3	3	1	-	3/3/1	46
D7	B	3	3	3	3	-	-	3	3	3	3	-	-	3/3/2	110
D7	C	3	3	3	3	-	-	3	3	3	3	-	-	3/3/2	110
D8	A	3	2	2	-	-	-	3	2	2	-	-	-	3/3/0	24
D8	B	3	1	3	2	-	-	3	1	3	2	-	-	3/3/2	110
D8	C	2	2	2	2	-	-	2	2	2	2	-	-	3/3/0	24
D9	A	2	-	-	-	-	-	2	-	-	-	-	-	3/3/1	46
D9	B	2	-	-	-	-	-	2	-	-	-	-	-	3/3/0	24
D9	C	2	-	-	-	-	-	2	-	-	-	-	-	3/3/0	24
D10	A	-	-	-	-	-	3	-	-	-	-	-	2	3/3/2	110
D10	B	-	-	-	-	-	3	-	-	-	-	-	1	3/3/2	110
D10	C	-	-	-	-	-	3	-	-	-	-	-	3	3/3/3	>110
D11	A	5	5	5	-	-	-	2	2	3	-	-	-	3/3/0	24
D11	B	5	5	5	5	-	-	2	3	1	0	-	-	3/1/1	4,3
D11	C	5	5	5	-	-	-	3	3	2	-	-	-	3/3/0	24
D12	A	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
D12	B	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
D12	C	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
D13	A	-	-	-	1	-	-	-	-	-	1	-	37318	0	110
D13	B	-	-	-	1	-	-	-	-	-	1	-	36588	0	24
D13	C	-	-	-	1	-	-	-	-	-	1	-	37318	0	110
D14	A	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110
D14	B	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
D14	C	1	1	1	1	1	1	3	3	3	3	3	2	3/3/3	>110

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
D1	A	3	3	3	3	0	0	pink	pink	pink	pink	-	-	-	-	-	-	-	-
D1	B	3	3	3	3	0	0	pink	pink	pink	pink	-	-	-	-	-	-	-	-
D1	C	3	3	3	3	2	0	pink	pink	pink	pink	-	-	-	-	-	-	-	-
D2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
D3	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
D3	C	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	none	none	none	none	none	Serological
D4	A			3	3	0	0	-	-	pink	pink	-	-	-	-	Biochemical	Biochemical	-	-
D4	B			3	3	2	1	-	-	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
D4	C			2	3	2	0	-	-	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
D5	A	3	3	3	2	0	0	pink	pink	pink	pink	no growth	no growth	-	ser	ser	ser	-	-
D5	B	3	3	3	3	1	0	pink	pink	pink	pink	pink	no growth	-	-	ser	ser	1	-
D5	C	3	3	3	3	0	0	pink	pink	pink	pink	no growth	no growth	-	-	ser	ser	-	-
D6	A	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	serological	serological	serological	serological	serological	-
D6	B	3	3	3	3	2	1	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
D6	C	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	serological	serological	serological	serological	serological	-
D7	A	3	3	3	3	1	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
D7	B	3	3	3	2	0	0	pink, flat	pink, flat	pink, flat	pink, flat	-	-	serological	serological	serological	serological	-	-
D7	C	3	3	3	2	0	0	pink, flat	pink, flat	pink, flat	pink, flat	-	-	serological	serological	serological	serological	-	-
D8	A	3	3	3	0	0	0	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical	-	-	-
D8	B	3	3	3	2	0	0	pink	pink	pink	pink	-	-	biochemical	biochemical	biochemical	biochemical	-	-
D8	C	3	3	3	3	0	0	pink	pink	pink	pink	-	-	biochemical	biochemical	biochemical	biochemical	-	-
D9	A	3	3	3	3	1	0	Pink	Pink	Pink	Pink	Pink	-	API 20E	-	-	-	-	-
D9	B	3	3	3	3	0	0	Pink	Pink	Pink	Pink	-	-	API 20E	-	-	-	-	-
D9	C	3	3	3	3	0	0	Pink	Pink	Pink	Pink	-	-	API 20E	-	-	-	-	-
D10	A	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D10	B	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D10	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D11	A	2	3	3	0	0	0	pink	pink	pink	-	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
D11	B	3	3	1	1	0	0	pink	pink	pink	pink	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
D11	C	3	3	3	0	0	0	pink	pink	pink	-	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
D12	A	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
D12	B	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
D12	C	3	3	3	3	3	2	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
D13	A	3	3	3	2	0	0	red with a sur	red with a sur	red with a sur	red with a sur	-	-	-	-	-	E+omnivalent	-	-
D13	B	3	3	3	3	0	0	red with a sur	red with a sur	red with a sur	red with a sur	-	-	-	-	-	E+omnivalent	-	-
D13	C	3	3	3	2	0	0	red with a sur	red with a sur	red with a sur	red with a sur	-	-	-	-	-	E+omnivalent	-	-
D14	A	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
D14	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat
D14	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
D1	A	-	-	-	-	-	-	-	-	-	-	-	-
D1	B	-	-	-	-	-	-	-	-	-	-	-	-
D1	C	-	-	-	-	-	-	-	-	-	-	-	-
D2	A	-	-	-	-	-	-	-	-	-	-	-	-
D2	B	-	-	-	-	-	-	-	-	-	-	-	-
D2	C	-	-	-	-	-	-	-	-	-	-	-	-
D3	A	-	-	-	-	-	-	-	-	-	-	-	-
D3	B	-	-	-	-	-	-	-	-	-	-	-	-
D3	C	-	-	-	-	-	1	-	-	-	-	-	1
D4	A	-	-	1	1	-	-	-	-	3	3	0	0
D4	B	-	-	1	1	1	1	-	-	3	3	2	1
D4	C	-	-	1	1	1	1	-	-	2	3	2	0
D5	A	-	3	3	2	-	-	-	3	3	2	-	-
D5	B	-	-	3	3	1	-	-	-	3	3	1	-
D5	C	-	-	3	3	-	-	-	-	3	3	-	-
D6	A	3	3	3	6	4	-	3	3	3	3	2	-
D6	B	3	3	3	3	4	2	3	3	3	3	2	1
D6	C	3	3	3	3	3	-	3	3	3	3	3	-
D7	A	3	3	3	3	3	-	3	3	3	3	1	-
D7	B	3	3	3	3	-	-	3	3	3	3	-	-
D7	C	3	3	3	3	-	-	3	3	3	3	-	-
D8	A	3	3	3	-	-	-	3	3	3	-	-	-
D8	B	3	3	3	2	-	-	3	3	3	2	-	-
D8	C	3	3	3	3	-	-	3	3	3	3	-	-
D9	A	2	-	-	-	-	-	2	-	-	-	-	-
D9	B	2	-	-	-	-	-	2	-	-	-	-	-
D9	C	2	-	-	-	-	-	2	-	-	-	-	-
D10	A	-	-	-	-	-	3	-	-	-	-	-	2
D10	B	-	-	-	-	-	3	-	-	-	-	-	2
D10	C	-	-	-	-	-	3	-	-	-	-	-	3
D11	A	5	5	5	-	-	-	5	3	3	-	-	-
D11	B	5	5	5	5	-	-	3	3	1	1	-	-
D11	C	5	5	5	-	-	-	3	3	3	-	-	-
D12	A	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2
D12	B	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
D12	C	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
D13	A	-	-	-	1	-	-	-	-	-	1	-	-
D13	B	-	-	-	1	-	-	-	-	-	1	-	-
D13	C	-	-	-	1	-	-	-	-	-	1	-	-
D14	A	1	1	1	1	1	1	1	3	3	3	3	2
D14	B	1	1	1	1	1	1	3	3	3	3	3	3
D14	C	1	1	1	1	1	1	3	3	3	3	3	2

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	A	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	1154,25891	1499,58091	3430,07199	7845,78799	10193,0284
D1	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D1	C	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D2	A	-	-	-	-	-											
D2	B	-	-	-	-	-											
D2	C	-	-	-	-	-											
D3	A												73939,1498	96059,6764	219722,46	502582,99	652941,771
D3	B																
D3	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D4	A	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	2239,46951	2909,45618	6654,95548	15222,2373	19776,3051
D4	B	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605											
D4	C	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D5	A	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	638,48271	829,498887	1897,35738	4339,9275	5638,31248
D5	B	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
D5	C	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D6	A	695,024318	1164,12603	9328,03407	36140,9863	45498,806	o	o	o	o	o	o	4132,11307	5368,32578	12279,26004	28087,0114	36489,86
D6	B	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D6	C	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
D7	A	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	477,53496	620,40007	1419,07442	3245,92518	4217,01525
D7	B	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
D7	C	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
D8	A	1,48593564	2,46603934	21,02168	49,6592321	65,7657837	o	o	o	o	o	o	3,21903939	4,18208598	9,56591	21,88062	28,4266898
D8	B	3,07609681	5,94292159	24,16354	135,518941	197,696964											
D8	C	0,71121351	1,11686325	4,99849	25,7039578	32,8095293											
D9	A	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	943,224467	1225,41086	2802,94811	6411,33384	8329,42569
D9	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D9	C	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D10	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605	*	**	o	o	*	**	4,84201113	6,2906055	14,38884	32,912367	42,7588271
D10	B	6,60693448	11,1686325	87,3637	254,683025	334,19504											
D10	C	0,71121351	1,11686325	5,19267	25,7039578	32,8095293											
D11	A	0,34994517	0,64863443	4,23121	13,5518941	19,8609492	o	o	o	o	o	o	1,87971661	2,44207527	5,58589	12,7769064	16,5993996
D11	B	0,34994517	0,64863443	3,59444	13,5518941	19,8609492											
D11	C	6,60693448	11,1686325	91,78375	411,149721	567,544605											
D12	A						o	o	o	o	o	o					
D12	B																
D12	C																
D13	A	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	405,978571	527,43601	1206,43273	2759,53842	3585,11516
D13	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D13	C	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
D14	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	73939,1498	96059,6764	219722,46	502582,99	652941,771
D14	B																
D14	C																

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-2 : calculated results from intermediate values

Rambach																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	A	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	1154,25891	1499,58091	3430,07199	7845,78799	10193,0284
D1	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D1	C	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D2	A	-	-	-	-	-											
D2	B	-	-	-	-	-											
D2	C	-	-	-	-	-											
D3	A												73939,1498	96059,6764	219722,46	502582,99	652941,771
D3	B																
D3	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D4	A	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	*	o	o	o	323,425432	420,185279	961,11237	2198,40397	2856,10498
D4	B	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605											
D4	C	66,0693448	111,686325	439,73731	2511,88643	3090,29543											
D5	A	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	638,48271	829,498887	1897,35738	4339,9275	5638,31248
D5	B	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
D5	C	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D6	A	695,024318	1164,12603	9328,03407	36140,9863	45498,806	o	o	o	o	o	o	4865,19355	6320,72345	14457,73042	33069,9437	42963,5464
D6	B	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605											
D6	C	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
D7	A	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	477,53496	620,40007	1419,07442	3245,92518	4217,01525
D7	B	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
D7	C	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
D8	A	14,8593564	24,6603934	230,34855	1355,18941	1905,46072	o	o	o	o	o	o	236,331655	307,035479	702,29875	1606,40567	2086,99734
D8	B	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
D8	C	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D9	A	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	943,224467	1225,41086	2802,94811	6411,33384	8329,42569
D9	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D9	C	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D10	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	50614,2904	65756,6711	150408,7675	344038,057	446964,625
D10	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D10	C																
D11	A	0,71121351	1,11686325	5,24236	25,7039578	32,8095293	o	o	o	o	o	o	4,01057853	5,21043151	11,9181	27,2609106	35,4166129
D11	B	6,60693448	11,1686325	73,99411	254,683025	334,19504											
D11	C	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
D12	A												73939,1498	96059,6764	219722,46	502582,99	652941,771
D12	B																
D12	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D13	A	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	405,978571	527,43601	1206,43273	2759,53842	3585,11516
D13	B	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D13	C	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
D14	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
D14	B																
D14	C																

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
D1	A	Presence	>100	pink	-	-	-	>100	pink	API20E	1	1
D1	B	Presence	>100	pink	-	-	-	>100	pink	-	-	-
D1	C	Presence	>100	pink	-	-	-	>100	pink	-	-	-
D2	A	-	-	-	-	-	-	-	-	-	-	-
D2	B	-	-	-	-	-	-	-	-	-	-	-
D2	C	-	-	-	-	-	-	-	-	-	-	-
D3	A	Select	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
D3	B	Select	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
D3	C	Select	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
D4	A	Presence	Presence	pink	Biochemical	1	1	Presence	pink	Biochemical	1	1
D4	B	Presence	Presence	pink	Biochemical	1	1	Presence	pink	Biochemical	1	1
D4	C	Presence	Presence	pink	Biochemical	1	1	Presence	pink	Biochemical	1	1
D5	A	Presence	presence	pink	ser	3	3	presence	pink	ser	3	3
D5	B	Presence	presence	pink	ser	1	1	presence	pink	ser	1	1
D5	C	Presence	presence	pink	ser	1	1	presence	pink	ser	1	1
D6	A	Presence	P	pink	serological	3	3	P	pink	serological	3	3
D6	B	Presence	P	pink	serological	3	3	P	pink	serological	3	3
D6	C	Presence	P	pink	serological	3	3	P	pink	serological	3	3
D7	A	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	B	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	C	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
D8	A	Presence	presence (19)	pink	Biochemical	3	3	presence (27)	pink	Biochemical	3	3
D8	B	Presence	presence (31)	pink	Biochemical	3	3	absence	-	-	-	-
D8	C	Presence	presence (28)	pink	Biochemical	3	3	presence (25)	pink	Biochemical	3	3
D9	A	Presence	Present	Pink and green	API 20E	2	2 doubtful Salmonella	Present	Pink	API 20 E	2	2 doubtful Salmonella
D9	B	Presence	Present	Pink and some green	API 20 E	2	2 doubtful Salmonella	Present	Pink	API 20 E	2	2 good id
D9	C	Presence	Present	Pink and some green	API 20 E	2	2 doubtful Salmonella	Present	Pink	API 20 E	2	2 doubtful Salmonella
D10	A	Presence	A	-	-	-	-	P	pink, flat	TSI+serology	3	3
D10	B	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
D10	C	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
D11	A	Presence	120	pink	iochemical/serologic	5	5	100	pink	iochemical/serologic	5	5
D11	B	Presence	100	pink	iochemical/serologic	5	5	96	pink	iochemical/serologic	5	3
D11	C	Presence	80	pink	iochemical/serologic	5	4	118	pink	iochemical/serologic	5	5
D12	A	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
D12	B	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
D12	C	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
D13	A	0	1	1	Presence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1	0	0	0
D13	B	0	1	1	Prsence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1	0	0	0
D13	C	0	1	1	Presence	hiny, rough-edged, pi	20E+ omnivalent ser	1	1	0	0	0
D14	A	Presence	presence	red	-	3	3	presence	red	-	3	3
D14	B	Presence	presence	red	C, latex aglutination,	3	3	presence	red	C, latex aglutination,	3	3
D14	C	Presence	presence	red	-	3	3	presence	red	-	3	3

Matrix D : Digested sewage sludge presscake - batch 1

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
D1	A	>100	pinkish red	-	-	-	>100	pinkish red	API20E	1	1
D1	B	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
D1	C	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
D2	A	-	-	-	-	-	-	-	-	-	-
D2	B	-	-	-	-	-	-	-	-	-	-
D2	C	-	-	-	-	-	-	-	-	-	-
D3	A	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
D3	B	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
D3	C	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
D4	A	Presence	yellow	Biochemical	2	2	Presence	yellow	Biochemical	2	2
D4	B	Presence	yellow	Biochemical	2	2	Presence	yellow	Biochemical	2	2
D4	C	Presence	yellow	Biochemical	2	2	Presence	yellow	Biochemical	2	2
D5	A	presence	yellow	ser	3	3	presence	yellow	ser	3	3
D5	B	presence	yellow	ser	1	1	presence	yellow	ser	1	1
D5	C	presence	yellow	ser	1	1	presence	yellow	ser	1	1
D6	A	P	white	serological	3	3	P	white	serological	3	3
D6	B	P	white	serological	3	3	P	white	serological	3	3
D6	C	P	white	serological	3	3	P	white	serological	3	3
D7	A	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	B	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	C	P	light pink	serological	3	3	P	light pink	serological	3	3
D8	A	presence (7)	pinkish	Biochemical	3	3	presence (6)	pinkish	Biochemical	3	3
D8	B	absence	-	-	-	-	absence	-	-	-	-
D8	C	presence (21)	pinkish	Biochemical	3	3	presence (15)	pinkish	Biochemical	3	3
D9	A	Absent	Yellow	-	-	-	Present	Pink	API 20 E	2	2 doubtful Salmonella
D9	B	Absent	Yellow	-	-	-	Present	Pink	API 20 E	2	2 good id
D9	C	Present	Pink and some green	API 20 E	2	2 doubtful Salmonella	Present	Pink	API 20 E	2	2 good id
D10	A	A	-	-	-	-	A	-	-	-	-
D10	B	A	-	-	-	-	A	-	-	-	-
D10	C	A	-	-	-	-	A	-	-	-	-
D11	A	90	black	biochemical/serologic	5	4	115	black	biochemical/serologic	5	5
D11	B	0	-	biochemical/serologic	-	-	0	-	biochemical/serologic	-	-
D11	C	0	-	biochemical/serologic	-	-	0	-	biochemical/serologic	-	-
D12	A	presence	colourless	serological	3	3	presence	colourless	serological	3	3
D12	B	presence	colourless	serological	3	3	presence	colourless	serological	3	3
D12	C	presence	colourless	serological	3	3	presence	colourless	serological	3	3
D13	A	1	1	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1	0	0	0
D13	B	1	1	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1	0	0	0
D13	C	1	1	Presence *)	Yellow, rough-edged	20E+ omnivalent ser	1	1	0	0	0
D14	A	presence	red	-	3	3	presence	red	-	3	3
D14	B	presence	red	-	3	3	presence	red	-	3	3
D14	C	presence	red	-	3	3	presence	red	-	3	3

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
D1	D	10909,091				11	1					11	1	
D1	E	11818,182				12	1					12	1	
D1	F	8000				8						8		
D2	D	-												
D2	E	-												
D2	F	-												
D3	D	48000				48	11	7				48	11	7
D3	E	51000				51	14	3				51	14	3
D3	F	38000				38	18	3				38	18	3
D4	D	16000				16	4					16		
D4	E	13000				13	1					13		
D4	F	16000				16	1					16		
D5	D	2818			27	4					27	4		
D5	E	500			5						5			
D5	F	1200			12		1				12			
D6	D	150000					15	1					15	1
D6	E	200000					20						20	
D6	F	170000					17	1					17	1
D7	D	2×104				20	4							
D7	E	7,7×103			55	10	1							
D7	F	2,2×104				22	6							
D8	D	1,8 X 104				17	3					17	3	
D8	E	6,4 X 103				5	2					5	2	
D8	F	6,4 X 103				5	2					5	2	
D9	D	1800			18	1					18	1		
D9	E	1300			13						13			
D9	F	2300			23	2					23	2		
D10	D	-												
D10	E	-												
D10	F	-												
D11	D	-												
D11	E	-												
D11	F	-												
D12	D	3,0.102		30						30				
D12	E	6,9.102		75	1					75	1			
D12	F	7,5.102		75	7	1				75	7	1		
D13	D	9,8 x 102		96	12	5				96	12	5		
D13	E	3,6 x 103			36	6					36	6		
D13	F	4,5 x 103			45	4					45	4		
D14	D	-			9	1								
D14	E	-			9									
D14	F	-			22									

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	D	4493,72667	5636,88447	10909,09091	19055,9718	21949,8988	o	o	o	o	o	o	6274,73255	7098,65216	10312,5	14482,5762	15902,4594
D1	E	5072,82627	6292,67325	11818,18182	20209,4502	23178,8904											
D1	F	2571,08213	3453,83206	8000	15763,2051	18578,1928											
D2	D																
D2	E																
D2	F																
D3	D	42299,1035	45985,9567	59459,45946	75646,9714	81041,6759	o	o	o	o	o	o	47776,1156	50069,229	57957,95796	66736,799	69595,2922
D3	E	43817,6333	47571,7797	61261,26126	77663,2277	83125,0949											
D3	F	37020,4264	40462,6254	53153,15315	68563,663	73715,53											
D4	D	9412,08038	11105,9354	18181,81818	28080,3273	31516,3805	o	o	o	o	o	o	10449,2657	11506,9266	15454,54545	20319,8716	21953,2402
D4	E	5664,21866	6958,11557	12727,27273	21354,1898	24396,3036											
D4	F	7500,59051	9002,83507	15454,54545	24744,208	27991,3972											
D5	D	1684,92397	1914,8178	2818,181818	4000,18109	4403,5429	*	**	o	o	o	o	1056,16531	1165,60944	1575,562701	2082,97832	2253,53238
D5	E	107,792269	162,348175	500	1166,83301	1414,98299											
D5	F	552,486029	685,340651	1287,128713	2201,02923	2524,4336											
D6	D	68790,992	83139,9575	145454,5455	236209,189	268016,857	o	o	o	o	o	o	115466,633	126770,112	168750	220182,014	237418,994
D6	E	103532,884	122165,289	200000	308883,6	346680,186											
D6	F	81303,4103	96981,2398	163636,3636	258615,882	291732,861											
D7	D	12050,3061	13979,3176	21818,18182	32463,7243	36131,7452	*	**	*	**	o	o	6909,62942	7343,74019	8872,180451	10624,9229	11200,9894
D7	E	4229,91035	4598,59567	5945,945946	7564,69714	8104,16759											
D7	F	14768,4666	16914,348	25454,54545	36788,9107	40671,3582											
D8	D	9412,08038	11105,9354	18181,81818	28080,3273	31516,3805	o	o	o	o	o	o	6320,23759	7135,14284	10303,0303	14397,4468	15790,1165
D8	E	1852,11765	2558,51083	6363,636364	13111,5112	15575,9334											
D8	F	1852,11765	2558,51083	6363,636364	13111,5112	15575,9334											
D9	D	876,764492	1039,9313	1727,272727	2697,34903	3034,82032	o	o	o	o	o	o	1232,21347	1349,10096	1781,25	2307,81562	2484,01806
D9	E	558,01089	692,194057	1300	2223,03952	2549,67794											
D9	F	1272,31021	1470,79021	2272,727273	3354,99618	3727,30101											
D10	D																
D10	E																
D10	F																
D11	D																
D11	E																
D11	F																
D12	D	177,671986	202,408533	300	428,268481	472,092633	*	**	o	o	*	**	484,321477	507,832473	588,7850467	678,973821	708,350604
D12	E	503,84494	544,357652	690,9090909	864,775882	922,505504											
D12	F	553,257238	595,577077	747,7477477	926,945411	986,31451											
D13	D	788,264391	838,990697	1018,018018	1223,93795	1291,67918	*	**	o	o	*	**	1271,34439	1330,56412	1533,834586	1759,37748	1832,74965
D13	E	2471,26203	2751,81061	3818,181818	5161,07192	5614,62807											
D13	F	2986,06738	3295,49579	4454,545455	5889,14781	6371,35065											
D14	D	337,900516	435,944203	909,0909091	1671,849	1945,25746	o	o	o	o	o	o	851,083764	949,107292	1322,580645	1794,22929	1953,64806
D14	E	313,238293	411,536858	900	1708,47907	1999,84279											
D14	F	1179,18102	1378,72714	2200	3330,82342	3721,83533											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	D	4493,72667	5636,88447	10909,09091	19055,9718	21949,8988	o	o	o	o	o	o	6274,73255	7098,65216	10312,5	14482,5762	15902,4594
D1	E	5072,82627	6292,67325	11818,18182	20209,4502	23178,8904											
D1	F	2571,08213	3453,83206	8000	15763,2051	18578,1928											
D2	D																
D2	E																
D2	F																
D3	D	42299,1035	45985,9567	59459,45946	75646,9714	81041,6759	o	o	o	o	o	o	47776,1156	50069,229	57957,95796	66736,799	69595,2922
D3	E	43817,6333	47571,7797	61261,26126	77663,2277	83125,0949											
D3	F	37020,4264	40462,6254	53153,15315	68563,663	73715,53											
D4	D	7567,00912	9145,39533	16000	25983,0108	29481,8543	o	o	o	o	o	o	9866,0545	10941,0987	15000	20071,1723	21780,1972
D4	E	5580,1089	6921,94057	13000	22230,3952	25496,7794											
D4	F	7567,00912	9145,39533	16000	25983,0108	29481,8543											
D5	D	1684,92397	1914,8178	2818,181818	4000,18109	4403,5429	*	**	o	o	o	o	1033,27975	1141,65783	1548,387097	2052,93687	2222,62848
D5	E	107,792269	162,348175	500	1166,83301	1414,98299											
D5	F	494,309933	620,057292	1200	2096,15689	2414,48887											
D6	D	68790,992	83139,9575	145454,5455	236209,189	268016,857	o	o	o	o	o	o	115466,633	126770,112	168750	220182,014	237418,994
D6	E	103532,884	122165,289	200000	308883,6	346680,186											
D6	F	81303,4103	96981,2398	163636,3636	258615,882	291732,861											
D7	D																
D7	E																
D7	F																
D8	D	9412,08038	11105,9354	18181,81818	28080,3273	31516,3805	o	o	o	o	o	o	6320,23759	7135,14284	10303,0303	14397,4468	15790,1165
D8	E	1852,11765	2558,51083	6363,636364	13111,5112	15575,9334											
D8	F	1852,11765	2558,51083	6363,636364	13111,5112	15575,9334											
D9	D	876,764492	1039,9313	1727,272727	2697,34903	3034,82032	o	o	o	o	o	o	1232,21347	1349,10096	1781,25	2307,81562	2484,01806
D9	E	558,01089	692,194057	1300	2223,03952	2549,67794											
D9	F	1272,31021	1470,79021	2272,727273	3354,99618	3727,30101											
D10	D																
D10	E																
D10	F																
D11	D																
D11	E																
D11	F																
D12	D	177,671986	202,408533	300	428,268481	472,092633	*	**	o	o	*	**	484,321477	507,832473	588,7850467	678,973821	708,350604
D12	E	503,84494	544,357652	690,9090909	864,775882	922,505504											
D12	F	553,257238	595,577077	747,7477477	926,945411	986,31451											
D13	D	788,264391	838,990697	1018,018018	1223,93795	1291,67918	*	**	o	o	*	**	1271,34439	1330,56412	1533,834586	1759,37748	1832,74965
D13	E	2471,26203	2751,81061	3818,181818	5161,07192	5614,62807											
D13	F	2986,06738	3295,49579	4454,545455	5889,14781	6371,35065											
D14	D						o	o	o	o	o	o					
D14	E																
D14	F																

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Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

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Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
D1	D	46000	3	3	3	3	3	1	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	API20E
D1	E	11000	3	3	3	3	2	0	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
D1	F	110000	3	3	3	3	3	2	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
D2	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3	D	7500	3	3	3	3	1	1	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	Serological
D3	E	9300	3	3	3	3	2	0	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	-	none	none	none	none	Serological	-
D3	F	4300	3	3	3	3	1	0	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	-	none	none	none	none	Serological	-
D4	D	11000			3	3	2	0	-	-	pink/yellow	pink/yellow	pink/yellow	-	-	-	biochemical	biochemical	biochemical	-
D4	E	21000			3	3	2	2	-	-	pink/yellow	pink/yellow	pink/yellow	pink/yellow	-	-	biochemical	biochemical	biochemical	biochemical
D4	F	21000			3	3	2	2	-	-	pink/yellow	pink/yellow	pink/yellow	pink/yellow	-	-	biochemical	biochemical	biochemical	biochemical
D5	D	15000	3	3	3	3	2	1	orange	orange	orange	orange	orange	orange	-	-	-	Bio	Bio	Bio
D5	E	4600	3	3	3	3	1	0	orange	orange	orange	orange	orange	-	-	-	-	ser	ser	-
D5	F	46000	3	3	3	3	3	1	orange	orange	orange	orange	orange	orange	-	-	-	bio	bio	bio
D6	D	750	3	3	3	3	3	1	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
D6	E	750	3	3	3	3	3	1	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
D6	F	750	3	3	3	3	3	1	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
D7	D	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
D7	E	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
D7	F	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
D8	D	110 * 102	3	0	1	2	1	0	pinkish	-	pinkish	pinkish	pinkish	-	biochemical	-	biochemical	biochemical	biochemical	-
D8	E	24 * 103	2	2	1	0	2	0	pinkish	pinkish	pinkish	-	pinkish	-	biochemical	biochemical	biochemical	-	biochemical	-
D8	F	9,3 * 103	1	2	2	1	1	0	pinkish	pinkish	pinkish	pinkish	pinkish	-	biochemical	biochemical	biochemical	biochemical	biochemical	-
D9	D	2900	3	3	3	3	2	3	pink	pink	pink	pink	pink	pink	API20 E	-	-	-	API20 E	API20 E
D9	E	1100	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	API20 E	-	-	-	API20 E	-
D9	F	1100	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	API20 E	-	-	-	API20 E	-
D10	D	>1,5*10^2	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D10	E	>1,5*10^2	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D10	F	>1,5*10^2	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D11	D	430	3	3	3	1	0	0	shred-black c	shred-black c	shred-black c	chemical/serolo	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	hemical/serolo
D11	E	2300	2	3	3	3	0	0	shred-black c	shred-black c	shred-black c	chemical/serolo	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	hemical/serolo
D11	F	2000	3	3	3	1	0	2	shred-black c	shred-black c	shred-black c	chemical/serolo	-	shred-black c	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	hemical/serolo
D12	D	1,5	1	0	0	0	0	0	colourless	colourless	-	-	-	-	serological	serological	-	-	-	-
D12	E	7,1.102	2	2	0	1	0	0	colourless	colourless	-	colourless	-	-	serological	serological	-	serological	-	-
D12	F	3,5.103	3	3	2	2	2	2	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
D13	D	1,1 x 104	3	3	3	3	3	2	me have yello	me have yello	me have yello	me have yello	me have yello	me have yello	-	-	-	-	-	mnivalent seru
D13	E	>1,1 x 104	3	3	3	3	3	3	ome transpar	ome transpar	ome transpar	ome transpar	ome transpar	arent centers,	-	-	-	-	-	mnivalent seru
D13	F	>1,1 x 104	3	3	3	3	3	3	arent centers,	arent centers,	arent centers,	arent centers,	arent centers,	arent centers,	-	-	-	-	-	mnivalent seru
D14	D	>110000	3	3	3	3	3	3	red	red	red	red	red	red	-	-	-	-	-	-
D14	E	110000	3	3	3	3	3	2	red	red	red	red	red	red	-	-	-	-	-	-
D14	F	110000	3	3	3	3	3	2	red	red	red	red	red	red	-	-	-	-	-	-

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
D1	D	-	-	-	-	-	1	-	-	-	-	-	3	3/3/1	46
D1	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
D1	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
D2	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3	D	-	-	-	-	-	1	-	-	-	-	-	1	3/1/1	7,5
D3	E	-	-	-	-	1	-	-	-	-	-	1	-	3/2/0	9,3
D3	F	-	-	-	-	1	-	-	-	-	-	1	-	3/1/0	4,3
D4	D	-	-	2	2	2	-	-	-	3	3	2	0	3/3/2	110
D4	E	-	-	2	2	2	2	-	-	3	3	2	2	3/2/2	21
D4	F	-	-	2	2	2	2	-	-	3	0	2	2	3/2/2	21
D5	D	-	-	-	3	2	1	-	-	-	3	2	1	3/2/1	15
D5	E	-	-	-	3	1	-	-	-	-	3	1	-	3/3/1	46
D5	F	-	-	-	1	1	1	-	-	-	1	1	1	3/3/1	46
D6	D	3	3	3	3	3	1	3	3	3	3	3	1	3/1/1	7,5
D6	E	3	3	3	3	3	1	3	3	3	3	3	1	3/1/1	7,5
D6	F	3	3	3	3	3	1	3	3	3	3	3	1	3/1/1	7,5
D7	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
D7	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
D7	F	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
D8	D	3	-	1	2	1	-	3	-	1	2	1	-	3/3/2	110
D8	E	2	2	1	-	2	-	2	2	1	-	2	-	3/3/0	24
D8	F	1	2	2	1	1	-	1	2	2	1	1	-	3/2/0	9,3
D9	D	2	-	-	-	2	2	Salm (good id	-	-	-	Salm (good id	Salm (doubtful	3/3/3	2900
D9	E	2	-	-	-	2	-	Salm (good id	-	-	-	Salm (good id	-	3/3/2	110
D9	F	2	-	-	-	2	-	Salm (good id	-	-	-	Salm (good id	-	3/3/2	110
D10	D	-	-	-	-	-	3	-	-	-	-	-	3	3/3/3	>110
D10	E	-	-	-	-	-	3	-	-	-	-	-	3	3/3/3	>110
D10	F	-	-	-	-	-	3	-	-	-	-	-	3	3/3/3	>110
D11	D	5/plate	5/plate	5/plate	5/plate	-	-	3	3	3	1	-	-	3/1/0	4,3
D11	E	5/plate	5/plate	5/plate	5/plate	-	-	2	3	3	3	0	-	3/0/0	2,3
D11	F	5/plate	5/plate	5/plate	5/plate	-	5/plate	3	3	3	1	-	2	2/0/2	2
D12	D	2per plate	2per plate	-	-	-	-	2	2	-	-	-	-	2/1/0	1,5
D12	E	2per plate	2per plate	-	2per plate	-	-	2	2	-	2	-	-	1/1/1	0,71
D12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	2/2/2	3,5
D13	D	-	-	-	-	-	1	-	-	-	-	-	1	3/3/2	110
D13	E	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
D13	F	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
D14	D	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
D14	E	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110
D14	F	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
D1	D	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
D1	E	3	3	3	3	2	0	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
D1	F	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
D2	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3	D	3	3	3	3	1	1	pink	pink	pink	pink	pink	pink	none	none	none	none	none	Serological
D3	E	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	none	none	none	none	Serological	-
D3	F	3	3	3	3	1	0	pink	pink	pink	pink	pink	-	none	none	none	none	Serological	-
D4	D			3	3	2	0	-	-	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical	-
D4	E			3	3	2	2	-	-	pink	pink	pink	pink	-	-	biochemical	biochemical	biochemical	biochemical
D4	F			3	3	2	2	-	-	pink	pink	pink	pink	-	-	biochemical	biochemical	biochemical	biochemical
D5	D	3	3	3	3	2	1	pink	pink	pink	pink	pink	pink	-	-	-	Bio	Bio	Bio
D5	E	3	3	3	3	1	0	pink	pink	pink	pink	pink	-	-	-	-	ser	ser	-
D5	F	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	bio	bio	bio
D6	D	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
D6	E	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
D6	F	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
D7	D	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
D7	E	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
D7	F	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
D8	D	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	biochemical	biochemical	biochemical	biochemical	biochemical	-
D8	E	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	biochemical	biochemical	biochemical	biochemical	biochemical	-
D8	F	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	biochemical	biochemical	biochemical	biochemical	biochemical	-
D9	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	API20 E	-	-	-	-	API20 E
D9	E	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	API20 E	-	-	-	API20 E	-
D9	F	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	API20 E	-	-	-	API20 E	-
D10	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D10	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D10	F	3	3	2	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
D11	D	3	3	3	1	0	0	pink	pink	pink	hemical/serolo	-	-	hemical/serolo	hemical/serolo	hemical/serolo	hemical/serolo	-	hemical/serolo
D11	E	3	3	3	3	0	0	pink	pink	pink	hemical/serolo	-	-	hemical/serolo	hemical/serolo	hemical/serolo	hemical/serolo	-	hemical/serolo
D11	F	3	3	3	2	0	1	pink	pink	pink	hemical/serolo	-	pink	hemical/serolo	hemical/serolo	hemical/serolo	hemical/serolo	-	hemical/serolo
D12	D	2	1	0	0	0	0	deep pink	deep pink	-	-	-	-	serological	serological	-	-	-	-
D12	E	3	3	1	1	1	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
D12	F	3	3	3	2	2	2	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
D13	D	3	3	3	3	3	2	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	-	-	-	-	-	E+omnivalent
D13	E	3	3	3	3	3	3	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	-	-	-	-	-	E+omnivalent
D13	F	3	3	3	3	3	3	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	sia-red colonie	-	-	-	-	-	E+omnivalent
D14	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
D14	E	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	n, api20E, se	ation, api20E,	tion, api20E,	ion, serologica	on, serologica	on, serologica
D14	F	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	**Replicat**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**
D1	D	-	-	-	-	-	-	-	-	-	-	-	-
D1	E	-	-	-	-	-	-	-	-	-	-	-	-
D1	F	-	-	-	-	-	-	-	-	-	-	-	-
D2	D	-	-	-	-	-	-	-	-	-	-	-	-
D2	E	-	-	-	-	-	-	-	-	-	-	-	-
D2	F	-	-	-	-	-	-	-	-	-	-	-	-
D3	D	-	-	-	-	-	1	-	-	-	-	-	1
D3	E	-	-	-	-	1	-	-	-	-	-	1	-
D3	F	-	-	-	-	1	-	-	-	-	-	1	-
D4	D	-	-	1	1	1	-	-	-	3	3	2	0
D4	E	-	-	1	1	1	1	-	-	3	3	2	2
D4	F	-	-	1	1	1	1	-	-	3	0	2	2
D5	D	-	-	-	3	2	1	-	-	-	3	2	1
D5	E	-	-	-	1	1	-	-	-	-	1	1	-
D5	F	-	-	-	1	1	1	-	-	-	1	1	1
D6	D	3	3	3	3	3	1	3	3	3	3	3	1
D6	E	3	3	3	3	3	1	3	3	3	3	3	1
D6	F	3	3	3	3	3	1	3	3	3	3	3	1
D7	D	3	3	3	3	3	3	3	3	3	3	3	3
D7	E	3	3	3	3	3	3	3	3	3	3	3	3
D7	F	3	3	3	3	3	3	3	3	3	3	3	3
D8	D	3	3	3	3	2	-	3	3	3	3	2	-
D8	E	3	3	3	3	3	-	3	3	3	3	3	-
D8	F	3	3	3	3	2	-	3	3	3	3	2	-
D9	D	2	-	-	-	-	2	2	-	-	-	-	Salm (good id
D9	E	2	-	-	-	2	-	Salm (good id	-	-	-	Salm (good id	-
D9	F	2	-	-	-	2	-	choleraesuis (	-	-	-	Salm (good id	-
D10	D	-	-	-	-	-	3	-	-	-	-	-	3
D10	E	-	-	-	-	-	3	-	-	-	-	-	3
D10	F	-	-	-	-	-	3	-	-	-	-	-	3
D11	D	5/plate	5/plate	5/plate	5/plate	-	-	5/plate	3	3	1	-	-
D11	E	5/plate	5/plate	5/plate	5/plate	-	-	3	3	3	3	0	-
D11	F	5/plate	5/plate	5/plate	5/plate	-	5/plate	3	3	3	2	-	1
D12	D	2per plate	2per plate	-	-	-	-	2per plate	2	-	-	-	-
D12	E	2per plate	2per plate	2per plate	2per plate	2per plate	-	2	2	2	2	2	-
D12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
D13	D	-	-	-	-	-	1	-	-	-	-	-	1
D13	E	-	-	-	-	-	1	-	-	-	-	-	1
D13	F	-	-	-	-	-	1	-	-	-	-	-	1
D14	D	1	1	1	1	1	1	1	3	3	3	3	3
D14	E	1	1	1	1	1	1	3	3	3	3	3	2
D14	F	1	1	1	1	1	1	3	3	3	3	3	2

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	8907,81313	11572,7818	26471,0457	60548,6453	78663,1073
D1	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D1	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D2	D	-	-	-	-	-											
D2	E	-	-	-	-	-											
D2	F	-	-	-	-	-											
D3	D	695,024318	1164,12603	7488,52261	20606,2991	29648,3139	o	o	o	o	o	o	2239,46951	2909,45618	6654,95548	15222,2373	19776,3051
D3	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D3	F	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
D4	D	695,024318	1164,12603	9328,03407	36140,9863	45498,806	o	o	o	o	o	o	5720,36974	7431,74445	16999,02846	38882,7913	50515,4354
D4	E	1698,24365	3147,74831	21465,74089	40738,0278	56754,4605											
D4	F	1698,24365	3147,74831	21465,74089	40738,0278	56754,4605											
D5	D	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605	o	o	o	o	o	o	4365,70531	5671,80229	12973,41818	29674,7966	38552,6661
D5	E	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
D5	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
D6	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	15552,9835	20206,0013	46218,27271	105717,539	137345,271
D6	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
D6	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
D7	D																
D7	E																
D7	F																
D8	D	1,48593564	2,46603934	12,22638	41,6869383	58,3445104	o	o	o	o	o	o	1,37804516	1,79031775	4,09509	9,36691942	12,1692398
D8	E	0,34994517	0,64863443	4,19906	13,5518941	19,8609492											
D8	F	0,34994517	0,64863443	2,78748	13,5518941	19,8609492											
D9	D	3250,87297	6950,24318	29172,44058	99540,5417	153461,698	o	o	o	o	o	o	5026,04485	6529,69696	14935,72675	34163,2904	44383,9918
D9	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D9	F	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D10	D																
D10	E																
D10	F																
D11	D	31,1888958	59,7035287	424,22826	2511,88643	3090,29543	*	o	*	**	o	o	6,13443429	7,96968553	18,22949	41,6972921	54,1719562
D11	E	0,71121351	1,11686325	7,85049	25,7039578	33,419504											
D11	F	153,461698	246,603934	1099,02902	3749,73002	5321,08259											
D12	D	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	*	**	*	**	1,30968957	1,70151207	3,89196	8,90228926	11,5656053
D12	E	0,34994517	0,64863443	2,7486	13,5518941	19,8609492											
D12	F	66,0693448	111,686325	499,98027	2511,88643	3090,29543											
D13	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	73939,1498	96059,6764	219722,46	502582,99	652941,771
D13	E																
D13	F																
D14	D								o	o			50614,2904	65756,6711	150408,7675	344038,057	446964,625
D14	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-2 : calculated results from intermediate values

Rambach																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
D1	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	8907,81313	11572,7818	26471,0457	60548,6453	78663,1073
D1	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D1	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D2	D	-	-	-	-	-											
D2	E	-	-	-	-	-											
D2	F	-	-	-	-	-											
D3	D	695,024318	1164,12603	7488,52261	20606,2991	29648,3139	o	o	o	o	o	o	2239,46951	2909,45618	6654,95548	15222,2373	19776,3051
D3	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D3	F	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
D4	D	695,024318	1164,12603	9328,03407	36140,9863	45498,806	o	o	o	o	o	o	5720,36974	7431,74445	16999,02846	38882,7913	50515,4354
D4	E	1698,24365	3147,74831	21465,74089	40738,0278	56754,4605											
D4	F	1698,24365	3147,74831	21465,74089	40738,0278	56754,4605											
D5	D	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605	o	o	o	o	o	o	4365,70531	5671,80229	12973,41818	29674,7966	38552,6661
D5	E	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
D5	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
D6	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	15552,9835	20206,0013	46218,27271	105717,539	137345,271
D6	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
D6	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
D7	D																
D7	E																
D7	F																
D8	D	695,024318	1164,12603	9328,03407	36140,9863	45498,806	o	o	o	o	o	o	4132,11307	5368,32578	12279,26004	28087,0114	36489,86
D8	E	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
D8	F	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D9	D								o	o			6491,26982	8433,27628	19289,88603	44122,7929	57323,0991
D9	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D9	F	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
D10	D												669,13364	869,319719	1988,44171	4548,26958	5908,98469
D10	E																
D10	F	66,0693448	111,686325	785,27795	2511,88643	3235,93657											
D11	D	31,1888958	59,7035287	424,22826	2511,88643	3090,29543	o	o	o	o	o	o	365,146557	474,388199	1085,09362	2481,99295	3224,53585
D11	E	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
D11	F	153,461698	246,603934	1432,6791	3749,73002	5321,08259											
D12	D	0,15417005	0,32658783	1,46622	4,96592321	6,57657837	*	**	*	o	*	**	4,10257407	5,32994954	12,19148	27,8862274	36,229007
D12	E	14,8593564	24,6603934	111,71423	411,149721	567,544605											
D12	F	322,106879	622,300285	3477,07286	12473,8351	16904,4093											
D13	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605							73939,1498	96059,6764	219722,46	502582,99	652941,771
D13	E																
D13	F																
D14	D								o	o			50614,2904	65756,6711	150408,7675	344038,057	446964,625
D14	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
D14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
D1	D	Presence	>100	pink	API20E	1	1	>100	pink	-	-	-
D1	E	Presence	>100	pink	-	-	-	>100	pink	-	-	-
D1	F	Presence	>100	pink	-	-	-	>100	pink	-	-	-
D2	D	-	-	-	-	-	-	-	-	-	-	-
D2	E	-	-	-	-	-	-	-	-	-	-	-
D2	F	-	-	-	-	-	-	-	-	-	-	-
D3	D	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
D3	E	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
D3	F	Presence	app. 20	pink	Serological	1	1	app. 20	pink	Serological	1	1
D4	D	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
D4	E	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
D4	F	Presence	Presence	pink	biochemical	1	1	Presence	pink	biochemical	1	1
D5	D	Presence	presence	pink	ser	1	1	presence	pink	ser	1	1
D5	E	Presence	presence	pink	ser	1	1	presence	pink	bio	1	1
D5	F	Presence	presence	pink	ser	1	1	presence	pink	bio	1	1
D6	D	Presence	P	pink	serological	2	2	P	pink	serological	2	2
D6	E	Presence	P	pink	serological	2	2	P	pink	serological	2	2
D6	F	Presence	P	pink	serological	2	2	P	pink	serological	2	2
D7	D	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	E	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	F	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
D8	D	Presence	presence (32)	pink	Biochemical	3	3	presence (35)	pink	Biochemical	3	3
D8	E	Presence	presence (14)	pink	Biochemical	3	3	presence (9)	pink	Biochemical	3	3
D8	F	Presence	presence (8)	pink	Biochemical	3	3	presence (15)	pink	Biochemical	3	3
D9	D	Presence	Present	pink	API 20E	1	1(good id Salm)	Present	pink	API 20E	1	1(good id Salm)
D9	E	Presence	Present	pink	API20 E	2	2 Salm (good id)	Present	pink	API20 E	2	2 Salm (good id)
D9	F	Presence	Present	pink	API20 E	2	2 Salm (good id)	Present	pink	API20 E	2	2 Salm (good id)
D10	D	Presence	P	pink	TSI+serology	3	3	P	pink	TSI+serology	3	3
D10	E	Presence	P	pink	TSI+serology	3	3	P	pink	TSI+serology	3	3
D10	F	Presence	P	pink	TSI+serology	3	3	P	pink	TSI+serology	3	3
D11	D	Presence	270	pink	iochemical/Serologic	5	5	30	pink	iochemical/Serologic	3	3
D11	E	Presence	300	pink	iochemical/Serologic	5	5	100	pink	iochemical/Serologic	5	5
D11	F	Presence	110	pink	iochemical/Serologic	5	5	15	pink	iochemical/Serologic	3	3
D12	D	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
D12	E	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
D12	F	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
D13	D	Presence	Presence	greyish pink colonies	API20E	1	1	Presence	greyish pink colonies	API20E	1	1
D13	E	Presence	Presence	greyish pink colonies	API20E	1	1	Presence	greyish pink colonies	API20E	1	1
D13	F	Presence	Presence	greyish pink colonies	API20E	1	1	Presence	greyish pink colonies	API20E	1	1
D14	D	Presence	presence	red	-	3	3	presence	red	-	3	3
D14	E	Presence	presence	red	ination, serological a	3	3	presence	red	ination, serological a	3	3
D14	F	Presence	presence	red	-	3	3	presence	red	-	3	3

Matrix D : Digested sewage sludge presscake - batch 2

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
D1	D	>100	pinkish red	API20E	1	1	>100	pinkish red	-	-	-
D1	E	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
D1	F	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
D2	D	-	-	-	-	-	-	-	-	-	-
D2	E	-	-	-	-	-	-	-	-	-	-
D2	F	-	-	-	-	-	-	-	-	-	-
D3	D	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
D3	E	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
D3	F	app. 20	pink/yellow	Serological	1	1	app. 20	pink/yellow	Serological	1	1
D4	D	Presence	pink or yellow	biochemical	2	2	Presence	pink	biochemical	1	1
D4	E	Presence	pink or yellow	biochemical	2	2	Presence	pink	biochemical	1	1
D4	F	Presence	pink or yellow	biochemical	2	2	Presence	pink	biochemical	1	1
D5	D	presence	orange	ser	1	1	presence	orange	ser	1	1
D5	E	presence	orange	bio	1	1	presence	orange	ser	1	1
D5	F	presence	orange	ser	1	1	presence	orange	bio	1	1
D6	D	P	white	serological	2	2	P	white	serological	2	2
D6	E	P	white	serological	2	2	P	white	serological	2	2
D6	F	P	white	serological	2	2	P	white	serological	2	2
D7	D	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	E	P	light pink	serological	3	3	P	light pink	serological	3	3
D7	F	P	light pink	serological	3	3	P	light pink	serological	3	3
D8	D	absence	-	-	-	-	presence (16)	pinkish	biochemical	3	3
D8	E	absence	-	-	-	-	absence	-	-	-	-
D8	F	absence	-	-	-	-	presence (5)	pinkish	biochemical	3	3
D9	D	Present	pink/yellow	API 20 E	2	2 (good id salmonella	Present	pink	API 20E	1	1(good id Salm)
D9	E	Present	pink/yellow	API20 E	2	2 Salm (good id)	Present	pink	API20 E	2	2 Salm chloeraesuis
D9	F	Present	pink/yellow	API20 E	2	2 Salm (good id)	Present	pink	API20 E	2	2 Salm (good id)
D10	D	A	-	-	-	-	P	(*) pink	TSI+serology	3	3
D10	E	A	-	-	-	-	A	-	-	-	-
D10	F	A	-	-	-	-	A	-	-	-	-
D11	D	0	black	iochemical/Serologic	-	-	0	black	iochemical/Serologic	-	-
D11	E	0	black	iochemical/Serologic	-	-	0	black	iochemical/Serologic	-	-
D11	F	0	black	iochemical/Serologic	-	-	0	black	iochemical/Serologic	-	-
D12	D	presence	colourless	serological	3	3	presence	colourless	serological	3	3
D12	E	presence	colourless	serological	3	3	presence	colourless	serological	3	3
D12	F	presence	colourless	serological	3	3	presence	colourless	serological	3	3
D13	D	Presence	tion, colonies are ma	API20E	1	1	Presence	tion, colonies are ma	API20E	1	1
D13	E	Presence	tion, colonies are ma	API20E	1	1	Presence	tion, colonies are ma	API20E	1	1
D13	F	Presence	tion, colonies are ma	API20E	1	1	Presence	tion, colonies are ma	API20E	1	1
D14	D	presence	red	-	3	3	presence	red	-	3	3
D14	E	presence	red	-	3	3	presence	red	-	3	3
D14	F	presence	red	-	3	3	presence	red	-	3	3

Matrix E : Composted sewage sludge - batch 1

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
E1	A	>10000000												
E1	B	>10000000												
E1	C	>10000000												
E2	A	2800000												
E2	B	26000000												
E2	C	22000000												
E3	D	1500000			287	200	79	15			287	200	79	15
E3	E	670000			215	196	67	9			215	196	67	9
E3	F	3200000				223	87	22				223	87	22
E4	A	14200000						142						142
E4	B	9600000						96						96
E4	C	14700000						147						147
E5	A	8300000						83						83
E5	B	9000000						90						90
E5	C	13400000						134						134
E6	A	-												
E6	B	-												
E6	C	-												
E7	A	3300000						33						
E7	B	5000000						50						
E7	C	37000000						37						
E8	A	5000000						50						50
E8	B	9500000						95						95
E8	C	6500000						65						65
E9	A	Absent												
E9	B	Absent												
E9	C	Absent												
E10	A	>8,0 x 10^6												
E10	B	>8,0 x 10^6												
E10	C	>8,0 x 10^6												
E11	A	-												
E11	B	-												
E11	C	-												
E12	A	950000				203	94	11				203	94	11
E12	B	420000				192	43	3				192	43	3
E12	C	1500000					118	49					118	49
E13	A	3900000						39						39
E13	B	150000					15						15	
E13	C	310000					31	2					31	2
E14	A	>10000000												
E14	B	>10000000												
E14	C	>10000000												

Matrix E : Composted sewage sludge - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	A																
E1	B																
E1	C																
E2	A																
E2	B																
E2	C																
E3	D			52295,22952			*	**	*	**	*	**			60008,57265		
E3	E	38887,0793	40027,2066	43834,38344	47906,0428	49214,9868											
E3	F	258509,023	267787,498	299099,0991	333066,158	344036,453											
E4	A	11318429,4	11960540,7	14200000	16737003,5	17567707,8	*	o	*	o	o	o			12833333,33		
E4	B	7264080,39	7776029,17	9600000	11723248,3	12424274,5											
E4	C	11764858,3	12419755,5	14700000	17277653,3	18121095,8											
E5	A	6141155,34	6610905,56	8300000	10289094,1	10948091,1	o	o	*	o	*	o	8791555,22	9120512,88	10233333,33	11444476,9	11836047,5
E5	B	6744213,76	7237066,81	9000000	11062526,8	11744517,2											
E5	C	10606149,5	11227325,7	13400000	15870462,6	16680309,9											
E6	A																
E6	B																
E6	C																
E7	A	2007914,42	2271568,69	3300000	4634424,38	5088787,02	o	o	o	o	o	o	3122068,58	3316396,4	4000000	4783019,54	5040277,96
E7	B	3366376,66	3711094,09	5000000	6591876,44	7126592,88											
E7	C	2320841,97	2605140,96	3700000	5099960,17	5574768,46											
E8	A	3366376,66	3711094,09	5000000	6591876,44	7126592,88	*	**	o	o	o	o	5818394,08	6085201,46	7000000	8013503,19	8343046,43
E8	B	7177265,92	7686066,89	9500000	11613262,9	12311142,6											
E8	C	4611131,12	5016565,32	6500000	8284783,4	8879817,04											
E9	A																
E9	B																
E9	C																
E10	A																
E10	B																
E10	C																
E11	A																
E11	B																
E11	C																
E12	A	238444,61	247350,866	277477,4775	310261,376	320860,81	*	o	*	**	*	**			306008,5837		
E12	B	180307,159	188037,06	214414,4144	243455,843	252880,494											
E12	C	1232653,54	1296651,91	1518181,818	1766705,27	1847832,69											
E13	A	2479070,26	2773280,4	3900000	5331427,12	5816046,38	*	**	o	o	*	**	294785,419	316742,727	395454,5455	487791,888	518349,17
E13	B	68933,4083	83953,7788	150000	247402,175	281639,961											
E13	C	182537,674	206506,245	300000	421311,308	462617,002											
E14	A																
E14	B																
E14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix E : Composted sewage sludge - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	A																
E1	B																
E1	C																
E2	A																
E2	B																
E2	C																
E3	D			52295,22952											60008,57265		
E3	E			43834,38344													
E3	F	258509,023	267787,498	299099,0991	333066,158	344036,453											
E4	A	11318429,4	11960540,7	14200000	16737003,5	17567707,8	*	o	*	o	o	o			12833333,33		
E4	B	7264080,39	7776029,17	9600000	11723248,3	12424274,5											
E4	C	11764858,3	12419755,5	14700000	17277653,3	18121095,8											
E5	A	6141155,34	6610905,56	8300000	10289094,1	10948091,1	o	o	*	o	*	o	8791555,22	9120512,88	10233333,33	11444476,9	11836047,5
E5	B	6744213,76	7237066,81	9000000	11062526,8	11744517,2											
E5	C	10606149,5	11227325,7	13400000	15870462,6	16680309,9											
E6	A																
E6	B																
E6	C																
E7	A																
E7	B																
E7	C																
E8	A	3366376,66	3711094,09	5000000	6591876,44	7126592,88	*	**	o	o	o	o	5818394,08	6085201,46	7000000	8013503,19	8343046,43
E8	B	7177265,92	7686066,89	9500000	11613262,9	12311142,6											
E8	C	4611131,12	5016565,32	6500000	8284783,4	8879817,04											
E9	A																
E9	B																
E9	C																
E10	A																
E10	B																
E10	C																
E11	A																
E11	B																
E11	C																
E12	A	238444,61	247350,866	277477,4775	310261,376	320860,81	*	o	*	**	*	**			306008,5837		
E12	B	180307,159	188037,06	214414,4144	243455,843	252880,494											
E12	C	1232653,54	1296651,91	1518181,818	1766705,27	1847832,69											
E13	A	2479070,26	2773280,4	3900000	5331427,12	5816046,38	*	**	o	o	*	**	294785,419	316742,727	395454,5455	487791,888	518349,17
E13	B	68933,4083	83953,7788	150000	247402,175	281639,961											
E13	C	182537,674	206506,245	300000	421311,308	462617,002											
E14	A																
E14	B																
E14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol		
	o	Normal, compatible with expected dispersion regarding the Poisson distribution
	*	Significantly different from expected dispersion regarding the Poisson distribution
	**	Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix E : Composted sewage sludge - batch 1

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
E1	A	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	API20E
E1	B	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
E1	C	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
E2	A	46000000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
E2	B	>1100000000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
E2	C	>110000000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
E3	D	4300000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
E3	E	2300000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
E3	F	4300000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
E4	A	>11000000					3	3	-	-	-	-	yellow/pink	yellow/pink	-	-	-	-	Biochemical	Biochemical
E4	B	>11000000					3	3	-	-	-	-	yellow/pink	yellow/pink	-	-	-	-	Biochemical	Biochemical
E4	C	>11000000					3	3	-	-	-	-	yellow/pink	yellow/pink	-	-	-	-	Biochemical	Biochemical
E5	A	>110000	3	3	3	3	3	3	orange	orange	orange	orange	orange	orange	-	-	-	API	API	API
E5	B	>110000	3	3	3	3	3	3	orange	orange	orange	orange	orange	orange	-	-	-	API	API	API
E5	C	>110000	3	3	3	3	3	3	orange	orange	orange	orange	orange	orange	-	-	-	API	API	API
E6	A	>110000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
E6	B	>110000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
E6	C	>110000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
E7	A	>110000	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
E7	B	>110000	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
E7	C	>110000	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
E8	A	>11000	0	-	1	1	2	2	-	-	pinkish	pinkish	pinkish	pinkish	-	-	biochemical	biochemical	biochemical	biochemical
E8	B	>11000	2	2	1	2	1	-	pinkish	pinkish	pinkish	pinkish	pinkish	-	biochemical	biochemical	biochemical	biochemical	biochemical	-
E8	C	>11000	2	-	2	1	2	1	pinkish	-	pinkish	pinkish	pinkish	pinkish	biochemical	-	biochemical	biochemical	biochemical	biochemical
E9	A	<	3	3	3	3	3	3	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	-	-	-	-	-	serology/API
E9	B	<	3	3	3	3	3	3	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	-	-	-	-	-	serology/API
E9	C	<	3	3	3	3	3	3	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	pink H2S neg	-	-	-	-	-	serology/API
E10	A	>1,10*10^5	1	1	1	2	2	3	-	-	-	-	-	Yellow	-	-	-	-	-	TSI+serology
E10	B	>1,10*10^5	2	2	2	2	2	2	-	-	-	-	-	Yellow	-	-	-	-	-	TSI+serology
E10	C	>1,10*10^5	2	2	3	2	2	2	-	-	-	-	-	Yellow	-	-	-	-	-	TSI+serology
E11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E12	A	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
E12	B	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
E12	C	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
E13	A	>11000	0	0	0	0	0	0	yellowish and s	ellowish and s	ellowish and s	ellowish and s	ellowish and s	ellowish and s	-	-	-	-	-	-
E13	B	>11000	0	0	0	0	0	0	yellowish and s	ellowish and s	ellowish and s	ellowish and s	ellowish and s	ellowish and s	-	-	-	-	-	-
E13	C	>11000	0	0	0	0	0	0	yellowish and s	ellowish and s	ellowish and s	ellowish and s	ellowish and s	ellowish and s	-	-	-	-	-	-
E14	A	>11000000	3	3	3	3	3	3	red	red	red	red	red	red	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
E14	B	>11000000	3	3	3	3	3	3	red	red	red	red	red	red	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
E14	C	>11000000	3	3	3	3	3	3	red	red	red	red	red	red	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,

Matrix E : Composted sewage sludge - batch 1

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
E1	A	-	-	-	-	-	1	-	-	-	-	-	3	3/3/3	>110
E1	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
E1	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
E2	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
E2	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
E2	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
E3	D	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
E3	E	-	-	-	-	-	-	-	-	-	-	-	-	3/0/0	2,3
E3	F	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
E4	A	-	-	-	-	2	2	-	-	-	-	3	3	3/3/3	>110
E4	B	-	-	-	-	2	2	-	-	-	-	3	3	3/3/3	>110
E4	C	-	-	-	-	2	2	-	-	-	-	3	3	3/3/3	>110
E5	A	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
E5	B	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
E5	C	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
E6	A	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E6	B	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E6	C	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E7	A	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E7	B	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E7	C	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E8	A	-	-	2	2	2	2	-	-	1	1	2	2	3/3/3	>110
E8	B	2	2	2	2	2	-	2	2	1	2	1	-	3/3/3	>110
E8	C	2	-	2	2	2	2	2	-	2	1	2	1	3/3/3	>110
E9	A	-	-	-	-	-	2	-	-	-	-	-	0	0/0/0	<
E9	B	-	-	-	-	-	2	-	-	-	-	-	0	0/0/0	<
E9	C	-	-	-	-	-	2	-	-	-	-	-	0	0/0/0	<
E10	A	-	-	-	-	-	3	-	-	-	-	-	3	3/3/3	>110
E10	B	-	-	-	-	-	3	-	-	-	-	-	3	3/3/3	>110
E10	C	-	-	-	-	-	3	-	-	-	-	-	3	3/3/3	>110
E11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E12	A	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	3	3	3	3	3	3	3/3/3	>110
E12	B	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	3	3	3	3	3	3	3/3/3	>110
E12	C	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	3	3	3	3	3	3	3/3/3	>110
E13	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
E13	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
E13	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
E14	A	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
E14	B	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
E14	C	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110

Matrix E : Composted sewage sludge - batch 1

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
E1	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	API20E
E1	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
E1	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
E2	A	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
E2	B	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
E2	C	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
E3	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
E3	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
E3	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
E4	A					3	3	-	-	-	-	pink	pink	-	-	-	-	Biochemical	Biochemical
E4	B					3	3	-	-	-	-	pink	pink	-	-	-	-	Biochemical	Biochemical
E4	C					3	3	-	-	-	-	pink	pink	-	-	-	-	Biochemical	Biochemical
E5	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	API	API	API
E5	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	API	API	API
E5	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	API	API	API
E6	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
E6	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
E6	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
E7	A	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
E7	B	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
E7	C	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
E8	A	3	3	2	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E8	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E8	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E9	A	3	3	3	3	3	3	suspect pink	suspect pink	suspect pink	suspect pink	suspect pink	suspect pink	-	-	-	-	-	serology/API
E9	B	3	3	3	3	3	3	suspect pink	suspect pink	suspect pink	suspect pink	suspect pink	suspect pink	-	-	-	-	-	serology/API
E9	C	3	3	3	3	3	3	suspect pink	suspect pink	suspect pink	suspect pink	suspect pink	suspect pink	-	-	-	-	-	serology/API
E10	A	3	3	3	3	3	3	-	-	-	-	-	pink	-	-	-	-	-	TSI+serology
E10	B	3	3	3	3	3	3	-	-	-	-	-	pink	-	-	-	-	-	TSI+serology
E10	C	3	3	3	3	3	3	-	-	-	-	-	pink	-	-	-	-	-	TSI+serology
E11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E12	A	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
E12	B	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
E12	C	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
E13	A	3	3	3	3	3	3	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	alent serum+A
E13	B	3	3	3	3	3	3	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	alent serum+A
E13	C	3	3	3	3	3	3	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	alent serum+A
E14	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
E14	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
E14	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,

Matrix E : Composted sewage sludge - batch 1

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
E1	A	-	-	-	-	-	1	-	-	-	-	-	3
E1	B	-	-	-	-	-	-	-	-	-	-	-	-
E1	C	-	-	-	-	-	-	-	-	-	-	-	-
E2	A	-	-	-	-	-	-	-	-	-	-	-	-
E2	B	-	-	-	-	-	-	-	-	-	-	-	-
E2	C	-	-	-	-	-	-	-	-	-	-	-	-
E3	D	-	-	-	-	-	-	-	-	-	-	-	-
E3	E	-	-	-	-	-	-	-	-	-	-	-	-
E3	F	-	-	-	-	-	-	-	-	-	-	-	-
E4	A	-	-	-	-	1	1	-	-	-	-	3	3
E4	B	-	-	-	-	1	1	-	-	-	-	3	3
E4	C	-	-	-	-	1	1	-	-	-	-	3	3
E5	A	-	-	-	3	3	3	-	-	-	3	3	3
E5	B	-	-	-	3	3	3	-	-	-	3	3	3
E5	C	-	-	-	3	3	3	-	-	-	3	3	3
E6	A	3	3	3	3	3	3	3	3	3	3	3	3
E6	B	3	3	3	3	3	3	3	3	3	3	3	3
E6	C	3	3	3	3	3	3	3	3	3	3	3	3
E7	A	3	3	3	3	3	3	3	3	3	3	3	3
E7	B	3	3	3	3	3	3	3	3	3	3	3	3
E7	C	3	3	3	3	3	3	3	3	3	3	3	3
E8	A	3	3	2	3	3	3	3	3	2	3	3	3
E8	B	3	3	3	3	3	3	3	3	3	3	3	3
E8	C	3	3	3	3	3	3	3	3	3	3	3	3
E9	A	-	-	-	-	-	2	-	-	-	-	-	0
E9	B	-	-	-	-	-	2	-	-	-	-	-	0
E9	C	-	-	-	-	-	2	-	-	-	-	-	0
E10	A	-	-	-	-	-	3	-	-	-	-	-	3
E10	B	-	-	-	-	-	3	-	-	-	-	-	3
E10	C	-	-	-	-	-	3	-	-	-	-	-	3
E11	A	-	-	-	-	-	-	-	-	-	-	-	-
E11	B	-	-	-	-	-	-	-	-	-	-	-	-
E11	C	-	-	-	-	-	-	-	-	-	-	-	-
E12	A	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	3	3	3	3	3	3
E12	B	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	3	3	3	3	3	3
E12	C	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	3	3	3	3	3	3
E13	A	1	1	1	1	1	1	3	3	3	3	3	3
E13	B	1	1	1	1	1	1	3	3	3	3	3	3
E13	C	1	1	1	1	1	1	3	3	3	3	3	3
E14	A	1	1	1	1	1	1	1	3	3	3	3	3
E14	B	1	1	1	1	1	1	3	3	3	3	3	3
E14	C	1	1	1	1	1	1	3	3	3	3	3	3

Matrix E : Composted sewage sludge - batch 1

prEN 15215-2 : calculated results from intermediate values

XLD																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	A																
E1	B																
E1	C																
E2	A																
E2	B																
E2	C																
E3	D																
E3	E																
E3	F																
E4	A																
E4	B																
E4	C																
E5	A																
E5	B																
E5	C																
E6	A																
E6	B																
E6	C																
E7	A																
E7	B																
E7	C																
E8	A	-	-	-	-	-											
E8	B	-	-	-	-	-											
E8	C	-	-	-	-	-											
E9	A																
E9	B																
E9	C																
E10	A	0,34994517	0,64863443	3,99106	13,5518941	19,8609492	o	o	o	o	o	o	2,15640652	2,80154306	6,40812	14,6576372	19,0427925
E10	B	0,71121351	1,11686325	8,27862	25,7039578	33,419504											
E10	C	0,71121351	1,11686325	9,15346	25,7039578	33,419504											
E11	A	-	-	-	-	-											
E11	B	-	-	-	-	-											
E11	C	-	-	-	-	-											
E12	A																
E12	B																
E12	C																
E13	A																
E13	B																
E13	C																
E14	A																
E14	B																
E14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix E : Composted sewage sludge - batch 1

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	A																
E1	B																
E1	C																
E2	A																
E2	B																
E2	C																
E3	D																
E3	E																
E3	F																
E4	A																
E4	B																
E4	C																
E5	A																
E5	B																
E5	C																
E6	A																
E6	B																
E6	C																
E7	A																
E7	B																
E7	C																
E8	A	66,0693448	111,686325	785,27795	2511,88643	3235,93657	*	**	o	o	*	**	669,13364	869,319719	1988,44171	4548,26958	5908,98469
E8	B																
E8	C																
E9	A																
E9	B																
E9	C																
E10	A																
E10	B																
E10	C																
E11	A	-	-	-	-	-	-	-	-	-	-	-					
E11	B	-	-	-	-	-											
E11	C	-	-	-	-	-											
E12	A																
E12	B																
E12	C																
E13	A																
E13	B																
E13	C																
E14	A																
E14	B																
E14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix E : Composted sewage sludge - batch 1

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	**Replicat**	***Salmonella* results**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**	**Presence or Absence (Number of presumptive colonies)**	**Description of presumptive colonies**	**Confirmation tests description (Serological/Biochemical)**	**Number of presumptive colonies tested for confirmation**	**Number of confirmed Salmonella colonies among the tested colonies**
E1	A	Presence	>100	pink	-	-	-	>100	pink	-	-	-
E1	B	Presence	>100	pink	-	-	-	>100	pink	-	-	-
E1	C	Presence	>100	pink	Biochemical	1	1	>100	pink	-	-	-
E2	A	Presence	P	Y	-	-	-	P	Pink	-	-	-
E2	B	Presence	P	Y	-	-	-	P	Pink	-	-	-
E2	C	Presence	P	Y	-	-	-	P	Pink	-	-	-
E3	D	Presence	15	pink	Serological	1	1	25	pink	Serological	1	1
E3	E	Presence	15	pink	Serological	1	1	25	pink	Serological	1	1
E3	F	Presence	15	pink	Serological	1	1	25	pink	Serological	1	1
E4	A	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
E4	B	Presence	Presence	yellow	Biochemical	2	2	Presence	pink	Biochemical	2	2
E4	C	Presence	Presence	yellow	Biochemical	2	2	Presence	yellow	Biochemical	2	2
E5	A	Presence	-	pink	API	2	2	-	pink	API	2	2
E5	B	Presence	-	pink	API	2	2	-	pink	API	2	2
E5	C	Presence	-	pink	API	2	2	-	pink	API	2	2
E6	A	Presence	P	pink	serological	2	2	P	pink	serological	2	2
E6	B	Presence	P	pink	serological	2	2	P	pink	serological	2	2
E6	C	Presence	P	pink	serological	2	2	P	pink	serological	2	2
E7	A	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	B	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	C	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
E8	A	Presence	4	pink	Biochemical	3	3	5	pink	Biochemical	3	3
E8	B	Presence	absence	-	-	-	-	3	pink	Biochemical	3	3
E8	C	Presence	absence	-	-	-	-	2	pink	Biochemical	3	3
E9	A	Absence	-	suspect pink	serology/API	2	0	-	suspect pink	serology/API	2	0
E9	B	Absence	-	suspect pink	serology/API	2	0	-	suspect pink	serology/API	2	0
E9	C	Absence	-	suspect pink	serology/API	2	0	-	suspect pink	serology/API	2	0
E10	A	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
E10	B	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
E10	C	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
E11	A	-	-	-	-	-	-	-	-	-	-	-
E11	B	-	-	-	-	-	-	-	-	-	-	-
E11	C	-	-	-	-	-	-	-	-	-	-	-
E12	A	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
E12	B	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
E12	C	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
E13	A	Presence	Presence	h pink, moist colonie	nivalent serum+API2	1	1	Presence	h pink, moist colonie	nivalent serum+API2	1	1
E13	B	Presence	Presence	h pink, moist colonie	nivalent serum+API2	1	1	Presence	h pink, moist colonie	nivalent serum+API2	1	1
E13	C	Presence	Presence	h pink, moist colonie	nivalent serum+API2	1	1	Presence	h pink, moist colonie	nivalent serum+API2	1	1
E14	A	Presence	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3
E14	B	Presence	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3
E14	C	Presence	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3

Matrix E : Composted sewage sludge - batch 1

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
E1	A	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
E1	B	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
E1	C	>100	pinkish red	Biochemical	1	1	>100	pinkish red	-	-	-
E2	A	P	-	-	-	-	P	-	-	-	-
E2	B	P	-	-	-	-	P	-	-	-	-
E2	C	P	-	-	-	-	P	-	-	-	-
E3	D	15	pink/yellow	Serological	1	1	25	pink/yellow	Serological	1	1
E3	E	15	pink/yellow	Serological	1	1	25	pink/yellow	Serological	1	1
E3	F	15	pink/yellow	Serological	1	1	25	pink/yellow	Serological	1	1
E4	A	Presence	yellow	Biochemical	2	1	Presence	pink or yellow	Biochemical	2	2
E4	B	Presence	yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
E4	C	Presence	pink or yellow	Biochemical	2	2	Presence	pink	Biochemical	2	2
E5	A	-	orange	API	2	2	-	orange/pink	API	4	4
E5	B	-	orange	API	2	2	-	orange	API	2	2
E5	C	-	orange	API	2	2	-	orange	API	2	2
E6	A	P	white	serological	2	2	P	white	serological	2	2
E6	B	-	white	serological	2	2	A	0	serological	0	0
E6	C	P	white	serological	2	2	P	white	serological	2	2
E7	A	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	B	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	C	P	light pink	serological	3	3	P	light pink	serological	3	3
E8	A	absence	-	-	-	-	2	pink	Biochemical	3	3
E8	B	4	pink	Biochemical	3	3	absence	-	-	-	-
E8	C	7	pink	Biochemical	3	3	4	pink	Biochemical	3	3
E9	A	-	nd yellow colonies, h	serology/API	2	0	-	nd yellow colonies, h	serology/API	2	0
E9	B	-	nd yellow colonies, h	serology/API	2	0	-	nd yellow colonies, h	serology/API	2	0
E9	C	-	ink colonies, h2s ne	serology/API	2	0	-	ink colonies, h2s ne	serology/API	2	0
E10	A	A	-	-	-	-	-	-	-	-	-
E10	B	A	-	-	-	-	-	-	-	-	-
E10	C	A	-	-	-	-	-	-	-	-	-
E11	A	-	-	-	-	-	-	-	-	-	-
E11	B	-	-	-	-	-	-	-	-	-	-
E11	C	-	-	-	-	-	-	-	-	-	-
E12	A	presence	colourless	serological	3	3	presence	colourless	serological	3	3
E12	B	presence	colourless	serological	3	3	presence	colourless	serological	3	3
E12	C	presence	colourless	serological	3	3	presence	colourless	serological	3	3
E13	A	Absence	lor of the XLD plate	-	-	-	Absence	, paratyphi). The plat	-	-	-
E13	B	Absence	lor of the XLD plate	-	-	-	Absence	, paratyphi). The plat	-	-	-
E13	C	Absence	The colonies are yell	-	-	-	Absence	, paratyphi). The plat	-	-	-
E14	A	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3
E14	B	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3
E14	C	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3

Matrix E : Composted sewage sludge - batch 2

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
E1	D	30909,091				32	2					32	2	
E1	E	104504,5				106	9	1				106	9	1
E1	F	62727,273				63	6					63	6	
E2	D	800000					80	8					80	8
E2	E	500000				300	50	3				300	50	3
E2	F	800000				400	80	9				400	80	9
E3	D	40000			200	40	7	7			200	40	7	7
E3	E	31000			105	31	2				105	31	2	
E3	F	41000			126	41	3				126	41	3	
E4	D	57000				57	2					57	1	
E4	E	20000				20	2					20	2	
E4	F	21000				21	3					21	3	
E5	D	3545			37	2					37	2		
E5	E	1900			19			1			19			1
E5	F	1600			16						16			
E6	D	360000				36	5					36	5	
E6	E	280000				28	3					28	3	
E6	F	180000				13	7					13	7	
E7	D	7000			70	6								
E7	E	1500			15	3								
E7	F	3800			38	1								
E8	D	140000					14	1					14	1
E8	E	34000				35	2					35	2	
E8	F	58000				57	7					57	7	
E9	D	-				132	20	1						
E9	E	-				77	10	2						
E9	F	-				78	13							
E10	D	Not detected				82	3							
E10	E	Not detected				59	6	2						
E10	F	Not detected				83	8	1						
E11	D	-												
E11	E	-												
E11	F	-												
E12	D	570		198	28					35	28			
E12	E	250		179	2					26	2			
E12	F	170		54	2					17	2			
E13	D	2100			21	4					21	4		
E13	E	1300		132	8	3				130	8	3		
E13	F	590		59	2					59	2			
E14	D	28000				28	3					28	3	
E14	E	40000				40	5					40	5	
E14	F	40000				40	5	2				40	5	2

Matrix E : Composted sewage sludge - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	D	18960,7128	21405,4285	30909,09091	43192,3403	47370,3495	*	**	*	o	*	o	55214,5578	57689,9384	66163,14199	75530,5813	78574,3353
E1	E	81203,8852	86354,1187	104504,5045	125343,235	132194,473											
E1	F	44983,5875	48805,5545	62727,27273	79385,3537	84930,2331											
E2	D	597410,758	641623,262	800000	985622,642	1047032,8	*	**	*	**	*	**			399141,6309		
E2	E	276111,147	285704,2	318018,018	352985,854	364270,451											
E2	F	390917,559	402354,397	440540,5405	481373,75	494499,851											
E3	D	19336,3561	20136,8956	22862,28623	25853,6601	26823,435	*	**	o	o	*	**			16871,81027		
E3	E	9875,67158	10444,7657	12432,43243	14688,2609	15427,3008											
E3	F	12458,9413	13099,5656	15315,31532	17798,5154	18608,8479											
E4	D	37356,9757	40830,4675	53636,36364	69186,969	74385,6712	*	**	o	o	*	**	24389,2199	26024,1121	31818,18182	38517,8329	40725,3559
E4	E	10719,8274	12533,8831	20000	30280,2129	33834,8666											
E4	F	12050,3061	13979,3176	21818,18182	32463,7243	36131,7452											
E5	D	2253,70024	2521,164	3545,454545	4846,75193	5287,3149	o	o	o	o	o	o	1759,79227	1902,36324	2418,574653	3031,70341	3235,35236
E5	E	1034,29455	1220,43246	1998,001998	3085,75025	3463,33852											
E5	F	756,700912	914,539533	1600	2598,30108	2948,18543											
E6	D	23985,0879	26747,5691	37272,72727	50564,6438	55057,3543	o	o	o	o	o	o	20961,2542	22474,2326	27878,78788	34190,861	36277,0001
E6	E	16849,2397	19148,178	28181,81818	40001,8109	44035,429											
E6	F	9412,08038	11105,9354	18181,81818	28080,3273	31516,3805											
E7	D	5038,4494	5443,57652	6909,090909	8647,75882	9225,05504	*	**	o	o	*	o	3187,06513	3374,48755	4030,30303	4776,36414	5020,97159
E7	E	813,034103	969,812398	1636,363636	2586,15882	2917,32861											
E7	F	2253,70024	2521,164	3545,454545	4846,75193	5287,3149											
E8	D	62666,7348	76321,6171	136363,6364	224911,068	256036,328	*	**	o	o	*	o	39020,0487	41494,8363	50216,45022	60229,8662	63522,0196
E8	E	21098,5633	23683,0997	33636,36364	46363,2742	50679,7133											
E8	F	41155,8818	44807,0768	58181,81818	74296,85	79671,8571											
E9	D	110826,943	116862,279	137837,8378	161491,335	169225,198	*	**	o	o	*	**	86709,2338	89816,3706	100301,2048	111673,874	115346,766
E9	E	59980,352	64391,2445	80180,18018	98668,5681	104783,682											
E9	F	62097,1078	66606,8756	82727,27273	101570,737	107799,804											
E10	D	57391,484	61722,7212	77272,72727	95548,8853	101600,351	o	o	o	o	o	o	61940,7619	64560,9201	73493,9759	83317,5027	86504,1371
E10	E	43057,7489	46778,4356	60360,36036	76655,4822	82084,0843											
E10	F	62317,2421	66815,2862	82882,88288	101648,506	107850,541											
E11	D																
E11	E																
E11	F																
E12	D	1719,60056	1795,39604	2054,545455	2340,59398	2433,49442	o	o	*	**	*	**			1403,030303		
E12	E	1347,49888	1414,46281	1645,454545	1903,41238	1987,50132											
E12	F	350,928726	384,561631	509,0909091	661,096861	711,987336											
E13	D	1272,31021	1470,79021	2272,727273	3354,99618	3727,30101	o	o	*	**	*	**	827,153739	863,355635	987,0689655	1123,53357	1167,84544
E13	E	1027,71625	1085,79568	1288,288288	1517,5846	1592,65541											
E13	F	388,729757	424,183132	554,5454545	712,336897	765,037747											
E14	D	16849,2397	19148,178	28181,81818	40001,8109	44035,429	o	o	o	o	o	o	29097,1531	30883,7085	37160,12085	44337,2778	46694,1064
E14	E	26907,4214	29839,3601	40909,09091	54739,5609	59400,5377											
E14	F	28124,7086	31111,5402	42342,34234	56306,3697	61005,7399											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix E : Composted sewage sludge - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	D	18960,7128	21405,4285	30909,09091	43192,3403	47370,3495	*	**	*	o	*	o	55214,5578	57689,9384	66163,14199	75530,5813	78574,3353
E1	E	81203,8852	86354,1187	104504,5045	125343,235	132194,473											
E1	F	44983,5875	48805,5545	62727,27273	79385,3537	84930,2331											
E2	D	597410,758	641623,262	800000	985622,642	1047032,8	*	**	*	**	*	**			399141,6309		
E2	E	276111,147	285704,2	318018,018	352985,854	364270,451											
E2	F	390917,559	402354,397	440540,5405	481373,75	494499,851											
E3	D	19336,3561	20136,8956	22862,28623	25853,6601	26823,435	*	**	o	o	*	**			16871,81027		
E3	E	9875,67158	10444,7657	12432,43243	14688,2609	15427,3008											
E3	F	12458,9413	13099,5656	15315,31532	17798,5154	18608,8479											
E4	D	36600,9917	40038,0223	52727,27273	68162,2263	73324,6446	*	**	o	o	*	**	24124,3427	25750,1523	31515,15152	38185,8653	40384,3805
E4	E	10719,8274	12533,8831	20000	30280,2129	33834,8666											
E4	F	12050,3061	13979,3176	21818,18182	32463,7243	36131,7452											
E5	D	2253,70024	2521,164	3545,454545	4846,75193	5287,3149	o	o	o	o	o	o	1759,79227	1902,36324	2418,574653	3031,70341	3235,35236
E5	E	1034,29455	1220,43246	1998,001998	3085,75025	3463,33852											
E5	F	756,700912	914,539533	1600	2598,30108	2948,18543											
E6	D	23985,0879	26747,5691	37272,72727	50564,6438	55057,3543	o	o	o	o	o	o	20961,2542	22474,2326	27878,78788	34190,861	36277,0001
E6	E	16849,2397	19148,178	28181,81818	40001,8109	44035,429											
E6	F	9412,08038	11105,9354	18181,81818	28080,3273	31516,3805											
E7	D																
E7	E																
E7	F																
E8	D	62666,7348	76321,6171	136363,6364	224911,068	256036,328	*	**	o	o	*	o	39020,0487	41494,8363	50216,45022	60229,8662	63522,0196
E8	E	21098,5633	23683,0997	33636,36364	46363,2742	50679,7133											
E8	F	41155,8818	44807,0768	58181,81818	74296,85	79671,8571											
E9	D																
E9	E																
E9	F																
E10	D																
E10	E																
E10	F																
E11	D																
E11	E																
E11	F																
E12	D	403,937193	440,099181	572,7272727	732,767061	786,168961	*	o	o	o	*	**	257,16172	273,959403	333,3333333	401,75678	424,278863
E12	E	147,684666	169,14348	254,5454545	367,889107	406,713582											
E12	F	87,6764492	103,99313	172,7272727	269,734903	303,482032											
E13	D	1272,31021	1470,79021	2272,727273	3354,99618	3727,30101	o	o	*	**	*	**	819,267992	855,294794	978,4482759	1114,35444	1158,49001
E13	E	1011,64465	1069,25961	1270,27027	1498,08917	1572,69523											
E13	F	388,729757	424,183132	554,5454545	712,336897	765,037747											
E14	D	16849,2397	19148,178	28181,81818	40001,8109	44035,429	o	o	o	o	o	o	29097,1531	30883,7085	37160,12085	44337,2778	46694,1064
E14	E	26907,4214	29839,3601	40909,09091	54739,5609	59400,5377											
E14	F	28124,7086	31111,5402	42342,34234	56306,3697	61005,7399											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix E : Composted sewage sludge - batch 2

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
E1	D	110000	3	3	3	3	3	2	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
E1	E	21000	3	3	3	3	2	2	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
E1	F	24000	3	3	3	3	3	0	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	1	-	-
E2	D	43000	3	3	3	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-
E2	E	43000	3	3	3	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-
E2	F	240000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
E3	D	46000	3	3	3	3	3	1	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	-
E3	E	110000	3	3	3	3	3	2	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	-
E3	F	24000	3	3	3	3	3	0	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	-	none	none	none	none	-	-
E4	D	150000	3	3	3	3	3	2	-	-	yellow/pink	yellow/pink	yellow/pink	yellow/pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
E4	E	46000	3	3	3	3	3	1	-	-	yellow/pink	yellow/pink	yellow/pink	yellow/pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
E4	F	46000	3	3	3	3	3	1	-	-	yellow/pink	yellow/pink	yellow/pink	yellow/pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
E5	D	110000	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	Ser.	Ser.	Ser.
E5	E	46000	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	Ser.	Ser.	Ser.
E5	F	240000	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	Ser.	Ser.	Ser.
E6	D	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
E6	E	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
E6	F	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
E7	D	46000	3	3	3	3	3	1	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
E7	E	110000	3	3	3	3	3	2	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
E7	F	110000	3	3	3	3	3	2	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
E8	D	11000	3	3	2	3	3	1	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E8	E	> 11000	2	3	2	2	2	2	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E8	F	4600	3	3	3	1	1	1	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E9	D	<	3	3	3	3	3	0	plate contain	red	red	red	red	-	PI 20 E/ serolo	-	-	-	PI 20 E/ serolo	-
E9	E	<	3	3	3	3	3	2	red	red	red	red	red	red	-	-	-	-	-	PI 20 E/ serolo
E9	F	<	3	3	3	3	3	1	red	red	red	red	red	red	-	-	-	-	-	PI 20 E/ serolo
E10	D	Not detected	1	2	2	1	3	1	-	-	-	-	Yellow	Yellow	-	-	-	-	TSI+serology	TSI+serology
E10	E	Not detected	0	2	2	2	3	2	-	-	-	-	Yellow	Yellow	-	-	-	-	TSI+serology	TSI+serology
E10	F	Not detected	0	3	3	3	3	1	-	-	-	-	Yellow	Yellow	-	-	-	-	TSI+serology	TSI+serology
E11	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E12	D	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
E12	E	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
E12	F	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
E13	D	4600	0	0	0	0	0	0	wish and slimy	wish and slimy	wish and slimy	wish and slimy	wish and slimy	wish and slimy	-	-	-	-	-	-
E13	E	4600	0	0	0	0	0	0	wish and slimy	wish and slimy	wish and slimy	wish and slimy	wish and slimy	wish and slimy	-	-	-	-	-	-
E13	F	2400	0	0	0	0	0	0	wish and slimy	wish and slimy	wish and slimy	wish and slimy	wish and slimy	wish and slimy	-	-	-	-	-	-
E14	D	>11000000	3	3	3	3	3	3	red	red	red	red	red	red	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
E14	E	>11000000	3	3	3	3	3	3	red	red	red	red	red	red	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
E14	F	11000000	3	3	3	3	3	2	red	red	red	red	red	red	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser

Matrix E : Composted sewage sludge - batch 2

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
E1	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
E1	E	-	-	-	-	-	-	-	-	-	-	-	-	3/2/2	21
E1	F	-	-	-	API20E	-	-	-	-	-	3	-	-	3/3/0	24
E2	D	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
E2	E	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
E2	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
E3	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
E3	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
E3	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
E4	D	-	-	2	2	2	2	-	-	3	3	3	2	3/2/1	15
E4	E	-	-	2	2	2	2	-	-	3	3	3	1	3/3/1	46
E4	F	-	-	2	2	2	2	-	-	3	3	3	1	3/3/1	46
E5	D	-	-	-	3	3	2	-	-	-	3	3	2	3/3/2	110
E5	E	-	-	-	3	3	1	-	-	-	3	3	1	3/3/1	46
E5	F	-	-	-	3	3	3	-	-	-	3	3	3	3/3/0	24
E6	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E6	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E6	F	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
E7	D	3	3	3	3	3	3	3	3	3	3	3	1	3/3/1	46
E7	E	3	3	3	3	3	3	3	3	3	3	3	2	3/3/2	110
E7	F	3	3	3	3	3	3	3	3	3	3	3	2	3/3/2	110
E8	D	3	3	3	3	3	3	3	3	2	3	3	1	3/3/2	110
E8	E	3	3	3	3	3	3	2	3	2	3	2	2	3/3/3	> 110
E8	F	3	3	3	3	3	3	3	3	3	3	1	1	3/3/1	46
E9	D	2	-	-	-	2	-	0	-	-	-	0	-	0/0/0	<
E9	E	-	-	-	-	-	2	-	-	-	-	-	0	0/0/0	<
E9	F	-	-	-	-	-	2	-	-	-	-	-	0	0/0/0	<
E10	D	-	-	-	-	3	3	-		-	-	0	0	0/0/0	<0,30
E10	E	-	-	-	-	3	3	-		-	-	0	0	0/0/0	<0,30
E10	F	-	-	-	-	3	3	-		-	-	0	0	0/0/0	<0,30
E11	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E12	D	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
E12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
E12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
E13	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
E13	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
E13	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
E14	D	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
E14	E	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
E14	F	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110

Matrix E : Composted sewage sludge - batch 2

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
E1	D	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
E1	E	3	3	3	3	2	2	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
E1	F	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	1	-	-	-	-
E2	D	3	3	3	3	3	1	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
E2	E	3	3	3	3	3	1	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
E2	F	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
E3	D	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	none	none	none	none	none	S.
E3	E	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	none	none	none	none	none	S.
E3	F	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	none	none	none	none	S.	-
E4	D	3	3	3	3	3	2	-	-	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
E4	E	3	3	3	3	3	1	-	-	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
E4	F	3	3	3	3	3	1	-	-	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical
E5	D	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	Ser.	Ser.	Ser.
E5	E	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	Ser.	Ser.	Ser.
E5	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	Ser.	Ser.	Ser.
E6	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
E6	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
E6	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
E7	D	3	3	3	3	3	1	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
E7	E	3	3	3	3	3	2	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
E7	F	3	3	3	3	3	2	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
E8	D	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E8	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E8	F	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
E9	D	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	PI 20 E/ serolo	-	-	PI 20 E/ serolo	-
E9	E	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	-	PI 20 E/ serolo
E9	F	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	-	-	PI 20 E/ serolo
E10	D	3	3	3	3	3	3	-	-	-	-	pink	pink	-	-	-	-	TSI+serology	TSI+serology
E10	E	3	3	3	3	3	3	-	-	-	-	pink	pink	-	-	-	-	TSI+serology	TSI+serology
E10	F	3	3	3	3	3	1	-	-	-	-	pink	pink	-	-	-	-	TSI+serology	TSI+serology
E11	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E11	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E12	D	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
E12	E	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
E12	F	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
E13	D	3	3	3	3	3	1	tion around the	tion around the	tion around the	tion around the	tion around the	tion around the	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	API20E+omni
E13	E	3	3	3	3	3	1	tion around the	tion around the	tion around the	tion around the	tion around the	tion around the	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	API20E+omni
E13	F	3	3	3	3	3	0	tion around the	tion around the	tion around the	tion around the	tion around the	-	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	API20E+omni
E14	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
E14	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser
E14	F	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser	n, api20E, ser

Matrix E : Composted sewage sludge - batch 2

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	**Replicat**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**
E1	D	-	-	-	-	-	-	-	-	-	-	-	-
E1	E	-	-	-	-	-	-	-	-	-	-	-	-
E1	F	-	API20E	-	-	-	-	-	3	-	-	-	-
E2	D	-	-	-	-	-	-	-	-	-	-	-	-
E2	E	-	-	-	-	-	-	-	-	-	-	-	-
E2	F	-	-	-	-	-	-	-	-	-	-	-	-
E3	D	-	-	-	-	-	2	-	-	-	-	-	1
E3	E	-	-	-	-	-	2	-	-	-	-	-	1
E3	F	-	-	-	-	2	-	-	-	-	-	1	-
E4	D	-	-	1	1	1	1	-	-	3	3	3	2
E4	E	-	-	1	1	1	1	-	-	3	3	3	1
E4	F	-	-	1	1	1	1	-	-	3	3	3	1
E5	D	-	-	-	3	3	2	-	-	-	3	3	2
E5	E	-	-	-	3	3	1	-	-	-	3	3	1
E5	F	-	-	-	3	3	3	-	-	-	3	3	3
E6	D	3	3	3	3	3	3	3	3	3	3	3	3
E6	E	3	3	3	3	3	3	3	3	3	3	3	3
E6	F	3	3	3	3	3	3	3	3	3	3	3	3
E7	D	3	3	3	3	3	3	3	3	3	3	3	1
E7	E	3	3	3	3	3	3	3	3	3	3	3	2
E7	F	3	3	3	3	3	3	3	3	3	3	3	2
E8	D	3	3	3	3	3	3	3	3	3	3	3	2
E8	E	3	3	3	3	3	3	3	3	3	3	3	3
E8	F	3	3	3	3	3	3	3	3	3	3	3	1
E9	D	-	2	-	-	2	-	-	0	-	-	0	-
E9	E	-	-	-	-	-	2	-	-	-	-	-	0
E9	F	-	-	-	-	-	2	-	-	-	-	-	0
E10	D	-	-	-	-	3	3	-		-	-	0	0
E10	E	-	-	-	-	3	3	-		-	-	0	0
E10	F	-	-	-	-	3	3	-		-	-	0	0
E11	D	-	-	-	-	-	-	-	-	-	-	-	-
E11	E	-	-	-	-	-	-	-	-	-	-	-	-
E11	F	-	-	-	-	-	-	-	-	-	-	-	-
E12	D	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2
E12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
E12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
E13	D	1	1	1	1	1	1	1	1	1	1	1	1
E13	E	1	1	1	1	1	1	1	1	1	1	1	1
E13	F	1	1	1	1	1	1	1	1	1	1	1	1
E14	D	1	1	1	1	1	1	1	3	3	3	3	3
E14	E	1	1	1	1	1	1	3	3	3	3	3	3
E14	F	1	1	1	1	1	1	3	3	3	3	3	2

Matrix E : Composted sewage sludge - batch 2

prEN 15215-2 : calculated results from intermediate values

XLD																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	10341,4541	13435,3281	30731,34799	70293,4637	91323,3029
E1	E	1698,24365	3147,74831	21465,74089	40738,0278	56754,4605											
E1	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
E2	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o					27411,3264	35612,0289	81457,30752	186321,677	242063,914
E2	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E2	F																
E3	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	15552,9835	20206,0013	46218,27271	105717,539	137345,271
E3	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E3	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
E4	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	20424,5855	26535,0505	60695,04691	138831,042	180365,409
E4	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E4	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E5	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	36980,9378	48044,6006	109894,9968	251368,732	326571,229
E5	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E5	F																
E6	D																
E6	E																
E6	F																
E7	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	27411,3264	35612,0289	81457,30752	186321,677	242063,914
E7	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E7	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E8	D	66,0693448	111,686325	609,91905	2511,88643	3090,29543	*	**	*	**	o	o	7,99509425	10,3870029	23,75875	54,3446656	70,6030703
E8	E	1,48593564	2,46603934	9,57911	41,6869383	58,3445104											
E8	F	153,461698	246,603934	1118,43209	3749,73002	5321,08259											
E9	D	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o	o	o	o	o	15552,9835	20206,0013	46218,27271	105717,539	137345,271
E9	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E9	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E10	D	0,34994517	0,64863443	4,09308	13,5518941	19,8609492							1,29620891	1,68399838	3,8519	8,81065787	11,4465604
E10	E																
E10	F																
E11	D	-	-	-	-	-											
E11	E	-	-	-	-	-											
E11	F	-	-	-	-	-											
E12	D																
E12	E																
E12	F																
E13	D																
E13	E																
E13	F																
E14	D												73939,1498	96059,6764	219722,46	502582,99	652941,771
E14	E																
E14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix E : Composted sewage sludge - batch 2

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
E1	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	8907,81313	11572,7818	26471,0457	60548,6453	78663,1073
E1	E	1698,24365	3147,74831	21465,74089	40738,0278	56754,4605											
E1	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
E2	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o					27411,3264	35612,0289	81457,30752	186321,677	242063,914
E2	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E2	F																
E3	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	15552,9835	20206,0013	46218,27271	105717,539	137345,271
E3	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E3	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
E4	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	20424,5855	26535,0505	60695,04691	138831,042	180365,409
E4	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E4	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E5	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o					36980,9378	48044,6006	109894,9968	251368,732	326571,229
E5	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E5	F																
E6	D																
E6	E																
E6	F																
E7	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	27411,3264	35612,0289	81457,30752	186321,677	242063,914
E7	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E7	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E8	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605					o	o	36980,9378	48044,6006	109894,9968	251368,732	326571,229
E8	E																
E8	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E9	D	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o	o	o	o	o	15552,9835	20206,0013	46218,27271	105717,539	137345,271
E9	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
E9	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E10	D											o	50614,2904	65756,6711	150408,7675	344038,057	446964,625
E10	E																
E10	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E11	D	-	-	-	-	-						-					
E11	E	-	-	-	-	-											
E11	F	-	-	-	-	-											
E12	D											o					
E12	E																
E12	F																
E13	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	12233,386	15893,2731	36353,53754	83153,4	108030,573
E13	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
E13	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
E14	D											o	73939,1498	96059,6764	219722,46	502582,99	652941,771
E14	E																
E14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results

Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)

Sup CI: superior limit of the confidence interval

Inf CI: inferior limit of the confidence interval

Dispersion of repeated meas.:

Symbol
- o Normal, compatible with expected dispersion regarding the MPN distribution
- * Significantly different from expected dispersion regarding the MPN distribution
- ** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix E : Composted sewage sludge - batch 2

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	Replicat	*Salmonella* results	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
E1	D	Presence	>100	pink	-	-	-	>100	pink	-	-	-
E1	E	Presence	>100	pink	-	-	-	>100	pink	-	-	-
E1	F	Presence	>100	pink	-	-	-	>100	pink	-	-	-
E2	D	Presence	-	-	-	-	-	P	Pink	-	-	-
E2	E	Presence	-	-	-	-	-	P	Pink	-	-	-
E2	F	Presence	-	-	-	-	-	P	Pink	-	-	-
E3	D	Presence	<	-	-	-	-	15	pink	S	1	1
E3	E	Presence	10	pink	S	1	1	15	pink	S	1	1
E3	F	Presence	10	pink	S	1	1	15	pink	S	1	1
E4	D	Presence	Presence	pink or yellow	Biochemical	2	2	Presence	pink	Biochemical	2	2
E4	E	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
E4	F	Presence	Presence	pink or yellow	Biochemical	2	2	Presence	pink	Biochemical	2	2
E5	D	Presence	presence	pink	Ser.	2	2	presence	pink	Ser.	2	2
E5	E	Presence	presence	pink	-	-	-	presence	pink	Ser.	4	4
E5	F	Presence	presence	pink	-	-	-	presence	pink	Ser.	2	2
E6	D	Presence	P	pink	serological	2	2	P	pink	serological	2	2
E6	E	Presence	P	pink	serological	2	2	P	pink	serological	2	2
E6	F	Presence	P	pink	serological	2	2	P	pink	serological	2	2
E7	D	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	E	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	F	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
E8	D	Presence	absence	-	-	-	-	2	pink	Biochemical	3	3
E8	E	Presence	5	pink	Biochemical	3	3	4	pink	Biochemical	3	3
E8	F	Presence	absence	-	-	-	-	5	pink	Biochemical	3	3
E9	D	Presence	absent	-	-	-	-	absent	pink colonies	serology/API20E	2	0
E9	E	Absence	absent	-	-	-	-	absent	pink	API 20E/serology	2	0
E9	F	Absence	Absent	-	-	-	-	Absent	pink	API 20E/serology	2	0
E10	D	Absence	A	-	-	-	-	P	pink, flat	TSI+serology	3	0
E10	E	Absence	A	-	-	-	-	P	pink, flat	TSI+serology	3	0
E10	F	Absence	A	-	-	-	-	P	pink, flat	TSI+serology	3	0
E11	D	-	-	-	-	-	-	-	-	-	-	-
E11	E	-	-	-	-	-	-	-	-	-	-	-
E11	F	-	-	-	-	-	-	-	-	-	-	-
E12	D	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
E12	E	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
E12	F	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
E13	D	Presence	Presence	ellowish and small, w	API20E	1	1	Presence	olonies are pink with	API20E	1	1
E13	E	Presence	Presence	ly yellowish and sma	API20E	1	1	Presence	olonies are pink with	API20E	1	1
E13	F	Presence	Presence	ly yellowish and sma	API20E	1	1	Presence	olonies are pink with	API20E	1	1
E14	D	Presence	absence	-	aglutination, serologi	-	-	presence	red	aglutination, serologi	3	3
E14	E	Presence	absence	-	aglutination, serologi	-	-	presence	red	aglutination, serologi	3	3
E14	F	Presence	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3

Matrix E : Composted sewage sludge - batch 2

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
E1	D	>100	pinkish red	API20E	1	1	>100	pinkish red	API20E	1	1
E1	E	>100	pinkish red	-	-	-	>100	pinkish red	API20E	1	1
E1	F	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
E2	D	-	-	-	-	-	-	-	-	-	-
E2	E	-	-	-	-	-	-	-	-	-	-
E2	F	-	-	-	-	-	-	-	-	-	-
E3	D	-	-	-	-	-	15	pink/yellow	S	1	1
E3	E	10	pink/yellow	S	1	1	15	pink/yellow	S	1	1
E3	F	10	pink/yellow	S	1	1	15	pink/yellow	S	1	1
E4	D	Presence	pink/black or yellow	Biochemical	2	1	Presence	pink or yellow	Biochemical	2	2
E4	E	Presence	black or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
E4	F	Presence	pink/black or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
E5	D	absence	yellow	-	-	-	presence	pink	Ser.	2	2
E5	E	presence	yellow/black	Ser./API	03-mars	0/3	presence	pink	Ser.	2	2
E5	F	presence	yellow/black	Ser./API	03-juin	0/2	presence	pink	Ser.	2	2
E6	D	P	white	serological	2	2	P	white	serological	2	2
E6	E	P	white	serological	2	2	P	white	serological	2	2
E6	F	P	white	serological	2	2	P	white	serological	2	2
E7	D	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	E	P	light pink	serological	3	3	P	light pink	serological	3	3
E7	F	P	light pink	serological	3	3	P	light pink	serological	3	3
E8	D	3	pinkish	Biochemical	3	3	6	pinkish	Biochemical	3	3
E8	E	4	pinkish	Biochemical	3	3	4	pinkish	Biochemical	3	3
E8	F	7	pinkish	Biochemical	3	3	2	pinkish	Biochemical	2	2
E9	D	Absent	yellow&black	serology/API20E	2	0	Present	pink & black	API 20E/serology	2	1
E9	E	absent	yellow	serology/API20E	2	0	absent	pink	API 20E/serology	2	0
E9	F	Absent	yellow&black	API 20E/serology	2	0	Absent	pink	API 20E/serology	2	0
E10	D	A	-	-	-	-	P	black colonies	TSI+serology	3	0
E10	E	A	-	-	-	-	P	black colonies	TSI+serology	3	0
E10	F	P	black colonies	TSI+serology	3	0	P	black colonies	TSI+serology	3	0
E11	D	-	-	-	-	-	-	-	-	-	-
E11	E	-	-	-	-	-	-	-	-	-	-
E11	F	-	-	-	-	-	-	-	-	-	-
E12	D	presence	colourless	serological	3	3	presence	colourless	serological	3	3
E12	E	presence	colourless	serological	3	3	presence	colourless	serological	3	3
E12	F	presence	colourless	serological	3	3	presence	colourless	serological	3	3
E13	D	Absence	yellow and the plate	-	-	-	Absence	ellowish and the plat	-	-	-
E13	E	Absence	yellow and the plate	-	-	-	Absence	yellow and the plate	-	-	-
E13	F	Absence	plate is yellow also, v	-	-	-	Absence	plate is yellow also, v	-	-	-
E14	D	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3
E14	E	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3
E14	F	presence	red	aglutination, serologi	3	3	presence	red	aglutination, serologi	3	3

Matrix F : Composted green waste - batch 1

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	A	22727,273				22	3					22	3	
F1	B	59459,459				59	6	1				59	6	1
F1	C	61818,182				63	5					63	5	
F2	A	20000				20	2					20	2	
F2	B	44000				38	6					38	6	
F2	C	37837				38	2					38	2	
F3	A	12000			124	24					124	24		
F3	B	110000			182	101					182	101		
F3	C	10000			102	10					102	10		
F4	A	140000				107	14	2					14	
F4	B	180000				140	18	2					18	
F4	C	140000				155	14	2					14	
F5	A	23000				23	3					23	3	
F5	B	35000				35	5	1				35	5	
F5	C	45455					3	2					3	2
F6	A	32700				35	1					35	1	
F6	B	243000				24	2	1				24	2	1
F6	C	17300				18	1					18	1	
F7	A	11000				11	2	1						
F7	B	30000				30	4	1						
F7	C	24000				24	6	2						
F8	A	31000				31	3					31	3	
F8	B	29000				28	4					28	4	
F8	C	270000					28	2					28	2
F9	A	43000				43	1							
F9	B	120000				145	12	1						
F9	C	70000				70	4							
F10	A	50000				50	8					50		
F10	B	6400				10	5					6	1	
F10	C	51000				55	15					55	1	
F11	A	-												
F11	B	-												
F11	C	-												
F12	A	2	2						2					
F12	B	69	182	3					74	2				
F12	C	62	156	1					68	1				
F13	A	<1												
F13	B	<1												
F13	C	<1												
F14	A	42000				42						42		
F14	B	120000				106	12	1				106	12	1
F14	C	37000				37	4	1				37	4	1

Matrix F : Composted green waste - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	A	12723,1021	14707,9021	22727,27273	33549,9618	37273,0101	*	**	o	o	*	**	38791,2206	40859,8543	48036,25378	56110,247	58748,2698
F1	B	42299,1035	45985,9567	59459,45946	75646,9714	81041,6759											
F1	C	44215,9754	48004,2504	61818,18182	78369,2571	83880,7776											
F2	A	10719,8274	12533,8831	20000	30280,2129	33834,8666	o	o	o	o	o	o	24654,207	26298,2101	32121,21212	38849,6857	41066,2714
F2	B	26173,8453	29064,0612	40000	53698,1402	58317,5799											
F2	C	23259,9696	25978,7054	36363,63636	49516,9467	53966,4312											
F3	A	10776,6073	11374,2608	13454,54545	15805,1831	16574,2442	*	**	*	**	o	o			16454,54545		
F3	B	21958,8109	22816,8592	25727,27273	28906,0506	29934,9988											
F3	C	7874,44355	8383,67536	10181,81818	12251,3714	12932,32											
F4	A	86767,1861	92094,6623	110810,8108	132212,964	139240,984	o	o	o	o	o	o			136336,3363		
F4	B	116483,77	122674,325	144144,1441	168290,386	176178,796											
F4	C	125401,529	131828,856	154054,0541	178953,431	187078,072											
F5	A	13400,4896	15440,0602	23636,36364	34632,756	38409,8922	o	o	o	o	o	o	22423,131	24282,5595	31034,48276	39082,7804	41758,8292
F5	B	23769,006	26506,6	36936,93694	50109,1064	54561,3421											
F5	C	9799,29718	14758,925	45454,54545	106075,728	128634,818											
F6	A	20383,2727	22921,7907	32727,27273	45308,3528	49579,17	o	o	o	o	o	o	18294,0556	19703,0351	24773,4139	30750,3258	32731,1112
F6	B	13955,4609	16029,8793	24324,32432	35390,5987	39186,4763											
F6	C	8767,64492	10399,313	17272,72727	26973,4903	30348,2032											
F7	A	5613,18966	6895,42985	12612,61261	21161,8097	24176,5171	*	o	o	o	o	o	17926,7403	19317,0329	24324,32432	30232,9068	32191,6288
F7	B	19493,3806	21962,8539	31531,53153	43852,6957	48039,3356											
F7	C	17391,7727	19718,8938	28828,82883	40697,6724	44743,3638											
F8	A	18960,7128	21405,4285	30909,09091	43192,3403	47370,3495	o	o	*	**	*	**	31446,2354	33662,4639	41558,44156	50749,9928	53784,7381
F8	B	17549,8797	19898,1565	29090,90909	41067,6513	45150,1217											
F8	C	161519,987	184007,758	272727,2727	389334,983	429175,121											
F9	A	26173,8453	29064,0612	40000	53698,1402	58317,5799	*	**	*	**	o	o	71023,0245	73835,6178	83383,6858	93823,8341	97204,4457
F9	B	114866,012	121012,638	142342,3423	166348,893	174193,502											
F9	C	48836,6493	52823,5305	67272,72727	84454,7154	90163,5754											
F10	A	36600,9917	40038,0223	52727,27273	68162,2263	73324,6446	*	**	*	**	o	o	34568,6376	36522,2182	43333,33333	51046,0275	53571,1366
F10	B	6266,67348	7632,16171	13636,36364	22491,1068	25603,6328											
F10	C	45752,1548	49607,639	63636,36364	80400,6792	85978,7889											
F11	A																
F11	B																
F11	C																
F12	A	0,10349182	0,24220949	2	7,22467749	9,27375631	*	**	o	o	*	**	93,1576638	96,4388306	107,5	119,481982	123,350044
F12	B	138,040062	144,819062	168,1818182	194,240481	202,732044											
F12	C	115,094447	121,274662	142,7272727	166,881232	174,775											
F13	A																
F13	B																
F13	C																
F14	A	27183,8823	30269,9167	42000	56771,7911	61760,9088	*	**	*	**	o	o	52229,4977	54668,8667	63043,47826	72338,0913	75362,0214
F14	B	83585,5384	88812,2842	107207,2072	128289,4	135217,383											
F14	C	24489,9841	27270,1953	37837,83784	51145,7578	55640,4584											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol		
	o	Normal, compatible with expected dispersion regarding the Poisson distribution
	*	Significantly different from expected dispersion regarding the Poisson distribution
	**	Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix F : Composted green waste - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	A	12723,1021	14707,9021	22727,27273	33549,9618	37273,0101	*	**	o	o	*	**	38791,2206	40859,8543	48036,25378	56110,247	58748,2698
F1	B	42299,1035	45985,9567	59459,45946	75646,9714	81041,6759											
F1	C	44215,9754	48004,2504	61818,18182	78369,2571	83880,7776											
F2	A	10719,8274	12533,8831	20000	30280,2129	33834,8666	o	o	o	o	o	o	24654,207	26298,2101	32121,21212	38849,6857	41066,2714
F2	B	26173,8453	29064,0612	40000	53698,1402	58317,5799											
F2	C	23259,9696	25978,7054	36363,63636	49516,9467	53966,4312											
F3	A	10776,6073	11374,2608	13454,54545	15805,1831	16574,2442	*	**	*	**	o	o			16454,54545		
F3	B	21958,8109	22816,8592	25727,27273	28906,0506	29934,9988											
F3	C	7874,44355	8383,67536	10181,81818	12251,3714	12932,32											
F4	A	62306,4053	76539,2713	140000	234896,088	268359,34	o	o	o	o	o	o	101357,661	112259,281	153333,3333	204525,267	221764,87
F4	B	89433,7514	106679,364	180000	284477,471	320906,147											
F4	C	62306,4053	76539,2713	140000	234896,088	268359,34											
F5	A	13400,4896	15440,0602	23636,36364	34632,756	38409,8922	o	o	o	o	o	o	22153,2412	24005,0165	30735,93074	38769,2038	41441,2346
F5	B	23259,9696	25978,7054	36363,63636	49516,9467	53966,4312											
F5	C	9799,29718	14758,925	45454,54545	106075,728	128634,818											
F6	A	20383,2727	22921,7907	32727,27273	45308,3528	49579,17	o	o	o	o	o	o	18294,0556	19703,0351	24773,4139	30750,3258	32731,1112
F6	B	13955,4609	16029,8793	24324,32432	35390,5987	39186,4763											
F6	C	8767,64492	10399,313	17272,72727	26973,4903	30348,2032											
F7	A																
F7	B																
F7	C																
F8	A	18960,7128	21405,4285	30909,09091	43192,3403	47370,3495	o	o	*	**	*	**	31446,2354	33662,4639	41558,44156	50749,9928	53784,7381
F8	B	17549,8797	19898,1565	29090,90909	41067,6513	45150,1217											
F8	C	161519,987	184007,758	272727,2727	389334,983	429175,121											
F9	A																
F9	B																
F9	C																
F10	A	33663,7666	37110,9409	50000	65918,7644	71265,9288	*	**	*	**	o	o	27342,921	29102,4898	35312,5	42455,3476	44805,1217
F10	B	1852,11765	2558,51083	6363,636364	13111,5112	15575,9334											
F10	C	35092,8726	38456,1631	50909,09091	66109,6861	71198,7336											
F11	A																
F11	B																
F11	C																
F12	A	0,10349182	0,24220949	2	7,22467749	9,27375631	*	**	o	o	*	**	36,7651823	38,811736	45,9375	53,9926665	56,6284243
F12	B	50,384494	54,4357652	69,09090909	86,4775882	92,2505504											
F12	C	44,9835875	48,8055545	62,72727273	79,3853537	84,9302331											
F13	A																
F13	B																
F13	C																
F14	A	27183,8823	30269,9167	42000	56771,7911	61760,9088	*	**	*	**	o	o	52229,4977	54668,8667	63043,47826	72338,0913	75362,0214
F14	B	83585,5384	88812,2842	107207,2072	128289,4	135217,383											
F14	C	24489,9841	27270,1953	37837,83784	51145,7578	55640,4584											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol		
	o	Normal, compatible with expected dispersion regarding the Poisson distribution
	*	Significantly different from expected dispersion regarding the Poisson distribution
	**	Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix F : Composted green waste - batch 1

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	A	24000	3	3	3	3	3	0	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	0	-	-	-
F1	B	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	0	-	-	-
F1	C	46000	3	3	3	3	3	1	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	0	-	-	-
F2	A	1100000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
F2	B	460000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
F2	C	1100000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
F3	A	24000	3	3	3	3	3	0	Yellow-pink	Yellow-pink	Yellow-pink!	Yellow-pink	Yellow-pink	-	-	-	-	-	Serology	-
F3	B	110000	3	3	3	3	3	2	Yellow-pink	Yellow-pink	Yellow-pink!	Yellow-pink	Yellow-pink	Serology	-	-	-	-	-	1
F3	C	2300	3	3	3	3	0	0	Yellow-pink	Yellow-pink	Yellow-pink!	Yellow-pink	Yellow-pink	-	-	-	-	Serology	-	-
F4	A	>110000	3	3	3	3	3	3	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F4	B	>110000	3	3	3	3	3	3	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F4	C	>110000	3	3	3	3	3	3	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F5	A	110000	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	ser	-	-	-	-	-
F5	B	110000	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	ser	-	-	-	-	-
F5	C	110000	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	ser	-	-	-	-	-
F6	A	24	3	3	0	0	0	0	white	white	-	-	-	-	serological	serological	-	-	-	-
F6	B	2,3	3	0	0	0	0	0	white	-	-	-	-	-	serological	-	-	-	-	-
F6	C	2,3	3	0	0	0	0	0	white	-	-	-	-	-	serological	-	-	-	-	-
F7	A	24000	3	3	3	3	3	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
F7	B	11000	3	3	3	3	2	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
F7	C	>110000	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
F8	A	11000	3	2	2	2	2	1	red	-	-	-	-	-	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes
F8	B	4600	1	2	2	1	3	1	red	-	-	-	-	-	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes
F8	C	11000	1	3	3	3	3	0	red	-	-	-	-	-	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes	-
F9	A	46000	3	3	3	3	3	1	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	-	-	-	-	as below	-
F9	B	110000	3	3	3	3	3	2	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	-	-	-	-	as below	-
F9	C	110000	3	3	3	3	3	2	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	-	-	-	-	as below	-
F10	A	>110000	3	3	3	3	3	3	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	-	-	-	-	-	TSI+serology
F10	B	24000	3	3	3	3	3	0	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	-	-	-	-	TSI+serology	-
F10	C	46000	3	3	3	3	3	1	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	-	-	-	-	TSI+serology	TSI+serology
F11	A	-							-	-	-	-	-	-	-	-	-	-	-	-
F11	B	-							-	-	-	-	-	-	-	-	-	-	-	-
F11	C	-							-	-	-	-	-	-	-	-	-	-	-	-
F12	A	2400	3	3	3	3	3	0	colourless	colourless	colourless	colourless	colourless	-	serological	serological	serological	serological	serological	-
F12	B	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
F12	C	>11000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
F13	A	4600	0	0	0	0	0	0	es of the colo	-	-	-	-	-	-	-	-	-	-	-
F13	B	11000	0	0	0	0	0	0	as B XLD	-	-	-	-	-	-	-	-	-	-	-
F13	C	>11000	0	0	0	0	0	0	as A XLD	-	-	-	-	-	-	-	-	-	-	-
F14	A	46000	3	3	3	3	3	1	red	red	red	red	red	red	-	-	-	, latex aglutina	, latex aglutina	, latex aglutina
F14	B	15000	3	3	3	3	2	1	red	red	red	red	red	red	-	-	-	, latex aglutina	, latex aglutina	, latex aglutina
F14	C	>110000	3	3	3	3	3	2	red	red	red	red	red	red	-	-	-	, latex aglutina	, latex aglutina	, latex aglutina

Matrix F : Composted green waste - batch 1

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
F1	A	-	-	1	-	-	-	-	-	1	-	-	-	3/3/0	24
F1	B	-	-	1	-	-	-	-	-	1	-	-	-	3/3/3	>110
F1	C	-	-	1	-	-	-	-	-	1	-	-	-	3/3/1	46
F2	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
F2	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
F2	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
F3	A	-	-	-	-	1	-	-	-	-	-	1	-	3/3/0	24
F3	B	-	-	-	-	-	1	-	-	-	-	-	-	3/3/2	110
F3	C	-	-	-	1	-	-	-	-	-	1	-	-	3/0/0	2,3
F4	A	2	2	2	2	2	2	3	3	3	3	3	3	3/3/3	>110
F4	B	2	2	2	2	2	2	3	3	3	3	3	3	3/3/3	>110
F4	C	2	2	2	2	2	2	3	3	3	3	3	3	3/3/3	>110
F5	A	3	-	-	-	-	-	3	-	-	-	-	-	3/3/2	110
F5	B	3	-	-	-	-	-	3	-	-	-	-	-	3/3/2	110
F5	C	3	-	-	-	-	-	3	-	-	-	-	-	3/3/2	110
F6	A	6	6	-	-	-	-	3	3	-	-	-	-	3/3/0	24
F6	B	6	-	-	-	-	-	3	-	-	-	-	-	3/0/0	2,3
F6	C	6	-	-	-	-	-	3	-	-	-	-	-	3/0/0	2,3
F7	A	3	3	3	3	3	-	3	3	3	3	3	0	3/3/0	24
F7	B	3	3	3	3	2	-	3	3	3	3	2	0	3/3/2	110
F7	C	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
F8	A	3	2	2	2	2	1	3	2	2	2	2	1	3/3/2	110
F8	B	1	2	2	1	3	1	1	2	2	1	3	1	3/3/1	46
F8	C	1	3	3	3	3	-	1	3	3	3	3	-	3/3/2	110
F9	A	-	-	-	-	2	-	-	-	-	-	2	-	3/3/1	46
F9	B	-	-	-	-	2	-	-	-	-	-	2	-	3/3/2	110
F9	C	-	-	-	-	2	-	-	-	-	-	2	-	3/3/2	110
F10	A	-	-	-	-	-	3	3	-	-	-	-	3	3/3/3	>110
F10	B	-	-	-	-	3	-	3	-	-	-	3	-	3/3/0	24
F10	C	-	-	-	-	3	1	3	-	-	-	3	1	3/3/1	46
F11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F12	A	2per plate	2per plate	2per plate	2per plate	2per plate	-	2	2	2	-	2	0	3/3/0	24
F12	B	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	-	2	2	3/3/3	>110
F12	C	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	-	2	2	3/3/3	>110
F13	A	0	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
F13	B	0	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
F13	C	0	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
F14	A	-	-	-	1	1	1	-	-	-	3	3	1	3/3/1	46
F14	B	-	-	-	1	1	1	-	-	-	3	3	1	3/2/1	15
F14	C	-	-	-	1	1	1	-	-	-	3	3	2	3/3/3	>110

Matrix F : Composted green waste - batch 1

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	A	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	mical and serc	-	-	-
F1	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	mical and serc	-	-	-
F1	C	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	mical and serc	-	-	-
F2	A	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
F2	B	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
F2	C	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
F3	A	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	-	-	Serology	-
F3	B	3	3	3	3	3	2	pink	pink	pink	pink	pink	Serology	-	-	-	-	-	1
F3	C	3	3	3	3	0	0	pink	pink	pink	pink	pink	-	-	-	-	Serology	-	-
F4	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F4	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F4	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F5	A	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	ser	-	-	-	-	-
F5	B	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	ser	-	-	-	-	-
F5	C	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	ser	-	-	-	-	-
F6	A	3	3	0	0	0	0	pink	pink	-	-	-	-	serological	serological	-	-	-	-
F6	B	3	0	0	0	0	0	pink	-	-	-	-	-	serological	-	-	-	-	-
F6	C	3	0	0	0	0	0	pink	-	-	-	-	-	serological	-	-	-	-	-
F7	A	3	3	3	3	3	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
F7	B	3	3	3	3	2	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
F7	C	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
F8	A	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes
F8	B	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes
F8	C	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes	iochemical tes
F9	A	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	-	as below	-
F9	B	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	as below	-
F9	C	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	-	-	-	-	as below	-
F10	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	TSI+serology
F10	B	3	3	3	3	3	0	pink	pink	pink	pink	pink	pink	-	-	-	-	TSI+serology	-
F10	C	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	-	TSI+serology	TSI+serology
F11	A							-	-	-	-	-	-	-	-	-	-	-	-
F11	B							-	-	-	-	-	-	-	-	-	-	-	-
F11	C							-	-	-	-	-	-	-	-	-	-	-	-
F12	A	3	3	3	3	3	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
F12	B	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
F12	C	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
F13	A	3	3	3	3	3	1	ɔm. Rough-edg	-	-	-	-	-	-	-	-	-	-	alent serum+A
F13	B	3	3	3	3	3	2	as A rambach	-	-	-	-	-	-	-	-	-	-	alent serum+A
F13	C	3	3	3	3	3	3	as A Rambach	-	-	-	-	-	-	-	-	-	-	alent serum+A
F14	A	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	, latex aglutina	latex aglutina	latex aglutina
F14	B	3	3	3	3	2	1	pink	pink	pink	pink	pink	pink	-	-	-	, latex aglutina	latex aglutina	latex aglutina
F14	C	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	, latex aglutina	latex aglutina	latex aglutina

Matrix F : Composted green waste - batch 1

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	A	-	-	1	-	-	-	-	-	1	-	-	-
F1	B	-	-	1	-	-	-	-	-	1	-	-	-
F1	C	-	-	1	-	-	-	-	-	1	-	-	-
F2	A	-	-	-	-	-	-	-	-	-	-	-	-
F2	B	-	-	-	-	-	-	-	-	-	-	-	-
F2	C	-	-	-	-	-	-	-	-	-	-	-	-
F3	A	-	-	-	-	1	-	-	-	-	-	1	-
F3	B	-	-	-	-	-	1	-	-	-	-	-	-
F3	C	-	-	-	1	-	-	-	-	-	1	-	-
F4	A	1	1	1	1	1	1	3	3	3	3	3	3
F4	B	1	1	1	1	1	1	3	3	3	3	3	3
F4	C	1	1	1	1	1	1	3	3	3	3	3	3
F5	A	3	-	-	-	-	-	3	-	-	-	-	-
F5	B	3	-	-	-	-	-	3	-	-	-	-	-
F5	C	3	-	-	-	-	-	3	-	-	-	-	-
F6	A	6	6	-	-	-	-	3	3	-	-	-	-
F6	B	6	-	-	-	-	-	3	-	-	-	-	-
F6	C	6	-	-	-	-	-	3	-	-	-	-	-
F7	A	3	3	3	3	3	-	3	3	3	3	3	0
F7	B	3	3	3	3	2	-	3	3	3	3	2	0
F7	C	3	3	3	3	3	3	3	3	3	3	3	3
F8	A	3	3	3	3	3	2	3	3	3	3	3	2
F8	B	3	3	3	3	3	1	3	3	3	3	3	1
F8	C	3	3	3	3	3	2	3	3	3	3	3	2
F9	A	-	-	-	-	2	-	-	-	-	-	2	-
F9	B	-	-	-	-	2	-	-	-	-	-	2	-
F9	C	-	-	-	-	2	-	-	-	-	-	2	-
F10	A	-	-	-	-	-	3	3	-	-	-	-	3
F10	B	-	-	-	-	3	-	3	-	-	-	3	-
F10	C	-	-	-	-	3	1	3	-	-	-	3	1
F11	A	-	-	-	-	-	-	-	-	-	-	-	-
F11	B	-	-	-	-	-	-	-	-	-	-	-	-
F11	C	-	-	-	-	-	-	-	-	-	-	-	-
F12	A	2per plate	2per plate	2per plate	2per plate	2per plate	-	2	2	2	-	2	0
F12	B	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	-	2	2
F12	C	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	-	2	2
F13	A	0	-	-	-	-	1	-	-	-	-	-	1
F13	B	0	-	-	-	-	1	-	-	-	-	-	1
F13	C	0	-	-	-	-	1	-	-	-	-	-	1
F14	A	-	-	-	1	1	1	-	-	-	3	3	1
F14	B	-	-	-	1	1	1	-	-	-	3	3	1
F14	C	-	-	-	1	1	1	-	-	-	3	3	3

Matrix F : Composted green waste - batch 1

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698					o	o	20424,5855	26535,0505	60695,04691	138831,042	180365,409
F1	B																
F1	C	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F2	A																
F2	B																
F2	C																
F3	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o	*	o	o	o	4365,70531	5671,80229	12973,41818	29674,7966	38552,6661
F3	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F3	C	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
F4	A																
F4	B																
F4	C																
F5	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	36980,9378	48044,6006	109894,9968	251368,732	326571,229
F5	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F5	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F6	A	1,48593564	2,46603934	23,02675	135,518941	197,696964	o	o	o	o	o	o	1,42645572	1,85321139	4,23895	9,69597813	12,5967437
F6	B	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
F6	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
F7	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o					8907,81313	11572,7818	26471,0457	60548,6453	78663,1073
F7	B	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
F7	C																
F8	A	6,60693448	11,1686325	58,02026	254,683025	320,626932	o	o	o	o	o	o	2,21092139	2,87236726	6,57012	15,0281885	19,5242024
F8	B	0,34994517	0,64863443	4,09308	13,5518941	19,8609492											
F8	C	0,71121351	1,11686325	5,5843	25,7039578	32,8095293											
F9	A	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	27411,3264	35612,0289	81457,30752	186321,677	242063,914
F9	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F9	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F10	A								o	o			20424,5855	26535,0505	60695,04691	138831,042	180365,409
F10	B	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F10	C	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F11	A	-	-	-	-	-											
F11	B	-	-	-	-	-											
F11	C	-	-	-	-	-											
F12	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698							36980,9378	48044,6006	109894,9968	251368,732	326571,229
F12	B																
F12	C																
F13	A																
F13	B																
F13	C																
F14	A	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	10341,4541	13435,3281	30731,34799	70293,4637	91323,3029
F14	B	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605											
F14	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix F : Composted green waste - batch 1

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698							20424,5855	26535,0505	60695,04691	138831,042	180365,409
F1	B																
F1	C	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F2	A																
F2	B																
F2	C																
F3	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o	*	o	o	o	4365,70531	5671,80229	12973,41818	29674,7966	38552,6661
F3	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F3	C	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
F4	A																
F4	B																
F4	C																
F5	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	36980,9378	48044,6006	109894,9968	251368,732	326571,229
F5	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F5	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F6	A	1,48593564	2,46603934	23,02675	135,518941	197,696964	o	o	o	o	o	o	1,42645572	1,85321139	4,23895	9,69597813	12,5967437
F6	B	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
F6	C	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
F7	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o					8907,81313	11572,7818	26471,0457	60548,6453	78663,1073
F7	B	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
F7	C																
F8	A	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	27411,3264	35612,0289	81457,30752	186321,677	242063,914
F8	B	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F8	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F9	A	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	27411,3264	35612,0289	81457,30752	186321,677	242063,914
F9	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F9	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F10	A								o	o			20424,5855	26535,0505	60695,04691	138831,042	180365,409
F10	B	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F10	C	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F11	A	-	-	-	-	-											
F11	B	-	-	-	-	-											
F11	C	-	-	-	-	-											
F12	A	1698,24365	3147,74831	23978,95276	99540,5417	153461,698							36980,9378	48044,6006	109894,9968	251368,732	326571,229
F12	B																
F12	C																
F13	A	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o					36980,9378	48044,6006	109894,9968	251368,732	326571,229
F13	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F13	C																
F14	A	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o					11998,3257	15587,8894	35655,01699	81555,6364	105954,803
F14	B	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605											
F14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix F : Composted green waste - batch 1

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	Replicat	*Salmonella* results	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
F1	A	Presence	Presence	pink	chemical and Serolog	2	2	Presence	pink	-	-	-
F1	B	Presence	Presence	pink	-	-	-	Presence	pink	-	-	-
F1	C	Presence	Presence	pink	-	-	-	Presence	pink	-	-	-
F2	A	Presence	Presence	-	-	-	-	Presence	-	API	1	1
F2	B	Presence	Presence	-	-	-	-	Presence	-	-	-	-
F2	C	Presence	Presence	-	-	-	-	Presence	-	-	-	-
F3	A	Presence	15	pink	0	1	1	25	pink	0	1	1
F3	B	Presence	15	pink	0	1	1	25	pink	0	1	1
F3	C	Presence	15	pink	0	1	1	25	pink	0	1	1
F4	A	Presence	Presence	pink	Biochemical	1	1	Presence	pink	Biochemical	1	1
F4	B	Presence	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F4	C	Presence	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F5	A	Presence	Presence	pink	ser	2	2	Presence	pink	ser	2	2
F5	B	Presence	Presence	pink	ser	2	2	Presence	pink	ser	2	2
F5	C	Presence	Presence	pink	ser	2	2	Presence	pink	ser	2	2
F6	A	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F6	B	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F6	C	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F7	A	Presence	Presence	light pink	serological	3	3	Presence	light pink	serological	3	3
F7	B	Presence	Presence	light pink	serological	3	3	Presence	light pink	serological	3	3
F7	C	Presence	Presence	light pink	serological	3	3	Presence	light pink	serological	3	3
F8	A	Presence	Presence	-	-	-	-	Presence	-	-	-	-
F8	B	Presence	Absence	-	-	-	-	Presence	-	-	-	-
F8	C	Presence	Absence	-	-	-	-	Absence	-	-	-	-
F9	A	Presence	Presence	pink	as below	2	2	Presence	pink	as below	2	2
F9	B	Presence	Presence	pink	as below	2	2	Presence	pink	as below	2	2
F9	C	Presence	Presence	pink	as below	2	2	Presence	pink	as below	2	2
F10	A	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
F10	B	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
F10	C	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
F11	A	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F11	B	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F11	C	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F13	A	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F13	B	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F13	C	Presence	Presence	pink	serological	3	3	Presence	pink	serological	3	3
F13	A	Presence	Presence	gh edges. The plate	nivalent serum+API2	1	1	Presence	gh edges. The plate	nivalent serum+API2	1	1
F13	B	Presence	Presence	gh edges. The plate	nivalent serum+API2	1	1	Presence	gh edges. The plate	nivalent serum+API2	1	1
F13	C	Presence	Presence	gh edges. The plate	nivalent serum+API2	1	1	Presence	gh edges. The plate	nivalent serum+API2	1	1
F14	A	Presence	Presence	red	ina, latex aglutinatio	3	3	Presence	red	ina, latex aglutinatio	3	3
F14	B	Presence	Presence	red	ina, latex aglutinatio	3	3	Presence	red	ina, latex aglutinatio	3	3
F14	C	Presence	Presence	red	ina, latex aglutinatio	3	3	Presence	red	ina, latex aglutinatio	3	3

Matrix F : Composted green waste - batch 1

prEN 15215-3 : observed results by the participants (following)

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
F1	A	Presence	pinkish red	chemical and Serolog	2	1	Presence	pinkish red	-	-	-
F1	B	Presence	pinkish red	-	-	-	Presence	pinkish red	-	-	-
F1	C	Presence	pinkish red	-	-	-	Presence	pinkish red	-	-	-
F2	A	Presence	-	API	1	1	Presence	-	API	1	1
F2	B	Presence	-	-	-	-	Presence	-	-	-	-
F2	C	Presence	-	-	-	-	Presence	-	-	-	-
F3	A	15	pink/yellow	0	1	1	25	pink/yellow	0	1	1
F3	B	15	pink/yellow	0	1	1	25	pink/yellow	0	1	1
F3	C	15	pink/yellow	0	1	1	25	pink/yellow	0	1	1
F4	A	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F4	B	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F4	C	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F5	A	Presence	pink	ser	2	2	Presence	pink	ser	2	2
F5	B	Presence	pink	ser	2	2	Presence	pink	ser	2	2
F5	C	Presence	pink	ser	2	2	Presence	pink	ser	2	2
F6	A	Presence	white	serological	3	3	Presence	white	serological	3	3
F6	B	Presence	white	serological	3	3	Presence	white	serological	3	3
F6	C	Presence	white	serological	3	3	Presence	white	serological	3	3
F7	A	Presence	light pink	serological	3	3	Presence	light pink	serological	3	3
F7	B	Presence	light pink	serological	3	3	Presence	light pink	serological	3	3
F7	C	Presence	light pink	serological	3	3	Presence	light pink	serological	3	3
F8	A	Presence	-	-	-	-	Presence	-	-	-	-
F8	B	Presence	-	-	-	-	Presence	-	-	-	-
F8	C	Presence	-	-	-	-	Presence	-	-	-	-
F9	A	Presence	red H2S neg	as below	2	2	Presence	red H2S neg	as below	2	2
F9	B	Presence	red H2S neg	as below	2	2	Presence	red H2S neg	as below	2	2
F9	C	Presence	red H2S neg	as below	2	2	Presence	red H2S neg	as below	2	2
F10	A	A	-	-	-	-	A	-	-	-	-
F10	B	A	-	-	-	-	A	-	-	-	-
F10	C	A	-	-	-	-	A	-	-	-	-
F11	A	Presence	colourless	serological	3	3	Presence	colourless	serological	3	3
F11	B	Presence	colourless	serological	3	3	Presence	colourless	serological	3	3
F11	C	Presence	colourless	serological	3	3	Presence	colourless	serological	3	3
F13	A	Presence	colourless	serological	3	3	Presence	colourless	serological	3	3
F13	B	Presence	colourless	serological	3	3	Presence	colourless	serological	3	3
F13	C	Presence	colourless	serological	3	3	Presence	colourless	serological	3	3
F13	A	Absence	as S. paratyphi). The	-	-	-	Absence	as S. paratyphi). The	-	-	-
F13	B	Absence	as S. paratyphi). The	-	-	-	Absence	as S. paratyphi). The	-	-	-
F13	C	Absence	as S. paratyphi). The	-	-	-	Absence	as S. paratyphi). The	-	-	-
F14	A	Presence	red	ina, latex aglutinatio	1	1	Presence	red	ina, latex aglutinatio	3	3
F14	B	Presence	red	ina, latex aglutinatio	3	3	Presence	red	ina, latex aglutinatio	3	3
F14	C	Presence	red	ina, latex aglutinatio	3	3	Presence	red	ina, latex aglutinatio	3	3

Matrix F : Composted green waste - batch 2

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	D	57657,658				58	5	1				58	5	1
F1	E	58181,818				58	6					58	6	
F1	F	51351,351				48	7	2				48	7	2
F2	D	53153				48	10	1				48	10	1
F2	E	74545				68	14					68	14	
F2	F	46846				45	7					45	7	
F3	D	18000		151	81	18				151	81	18		
F3	E	10000		168	101	6				168	101	6		
F3	F	12000		132	98	12				132	98	12		
F4	D	39000				39	1					39	1	
F4	E	150000				128	15					128	15	
F4	F	48000				48	1					48	1	
F5	D	8000			81	7	1				81	7		
F5	E	4909			50	4					50	4		
F5	F	14545			120	12	4	1				12	4	
F6	D	82880				72	18	2				72	18	2
F6	E	236400					25	1					25	1
F6	F	272700				110	27	3					27	3
F7	D	500		50	9									
F7	E	350		35	3									
F7	F	200		20	5									
F8	D	19000				20	1					20	1	
F8	E	57000				59	4					59	4	
F8	F	28000				29	2					29	2	
F9	D	<				74	7	1						
F9	E	<				58	5							
F9	F	<				28	5							
F10	D	6454,545			70	5					70	1		
F10	E	2272,727				20						4		
F10	F	6363,636			55	5					55	1		
F11	D	-												
F11	E	-												
F11	F	-												
F12	D	580		58						58				
F12	E	1100		115	2					115	2			
F12	F	470			1					51	1			
F13	D	<1												
F13	E	<1												
F13	F	<1												
F14	D	37000				37	4					37	4	
F14	E	30000				30	3					30	3	
F14	F	34000				34	4					34	4	

Matrix F : Composted green waste - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	D	40785,1081	44403,4095	57657,65766	73627,509	78954,0926	o	o	o	o	o	o	45736,1653	47982,2192	55722,89157	64356,7857	67170,2557
F1	E	41155,8818	44807,0768	58181,81818	74296,85	79671,8571											
F1	F	35523,2713	38893,0005	51351,35135	66531,6216	71611,3313											
F2	D	37020,4264	40462,6254	53153,15315	68563,663	73715,53	o	o	o	o	o	o	48064,7931	50371,7621	58308,1571	67140,0425	70015,8075
F2	E	55048,4763	59288,2239	74545,45455	92530,5258	98490,8891											
F2	F	32093,7422	35305,5127	47272,72727	61991,8534	66930,384											
F3	D	1902,26759	1981,69373	2252,252252	2549,4382	2645,80574	o	o	o	o	o	o			2303,303303		
F3	E	2109,58263	2193,28777	2477,477477	2788,26969	2888,90913											
F3	F	1836,11296	1914,12637	2180,18018	2472,87082	2567,82602											
F4	D	23259,9696	25978,7054	36363,63636	49516,9467	53966,4312	*	**	*	**	o	o	58983,4777	61546,9096	70303,0303	79955,493	83089,0413
F4	E	103705,913	109566,655	130000	153138,083	160713,41											
F4	F	29860,6738	32954,9579	44545,45455	58891,4781	63713,5065											
F5	D	5998,0352	6439,12445	8018,018018	9866,85681	10478,3682	*	o	*	**	*	o	7189,92355	7472,46781	8431,195423	9478,82009	9817,97905
F5	E	3359,02933	3687,85781	4909,090909	6405,29494	6906,73436											
F5	F	9786,63217	10352,8872	12331,23312	14577,5357	15313,5679											
F6	D	62317,2421	66815,2862	82882,88288	101648,506	107850,541	*	**	*	o	*	o	93779,0067	97629,1431	110729,6137	125098,208	129755,377
F6	E	134004,896	154400,602	236363,6364	346327,56	384098,922											
F6	F	100361,728	106099,581	126126,1261	148833,759	156271,042											
F7	D	373,569757	408,304675	536,3636364	691,86969	743,856712	o	o	o	o	*	**	289,175662	307,010913	369,6969697	441,418566	464,974275
F7	E	218,165248	244,464025	345,4545455	474,163043	517,775878											
F7	F	127,231021	147,079021	227,2727273	335,499618	372,730101											
F8	D	10062,9004	11817,5712	19090,90909	29182,4611	32678,3371	*	**	*	o	o	o	27047,3268	28770,9986	34848,48485	41830,3247	44126,2859
F8	E	40393,7193	44009,9181	57272,72727	73276,7061	78616,8961											
F8	F	16849,2397	19148,178	28181,81818	40001,8109	44035,429											
F9	D	54552,5441	58754,0957	73873,87387	91696,9175	97603,5838	o	o	*	o	*	**	43961,7323	46166,3131	53776,43505	62282,9093	65056,6389
F9	E	40393,7193	44009,9181	57272,72727	73276,7061	78616,8961											
F9	F	18253,7674	20650,6245	30000	42131,1308	46261,7002											
F10	D	4961,0144	5362,93492	6818,181818	8546,64751	9120,75244	*	**	*	**	o	o	5426,53566	5719,961	6739,130435	7887,51598	8262,91365
F10	E	10353,2884	12216,5289	20000	30888,36	34668,0186											
F10	F	3811,44153	4162,39096	5454,545455	7021,07851	7544,53199											
F11	D																
F11	E																
F11	F																
F12	D	402,610909	440,418245	580	749,784489	806,571091	*	**	*	**	o	o	653,213574	686,172026	800	927,316082	968,838777
F12	E	827,427272	879,656084	1063,636364	1274,74056	1344,13373											
F12	F	0,50123333	2,53178561	100	557,1631	743,008288											
F13	D																
F13	E																
F13	F																
F14	D	23985,0879	26747,5691	37272,72727	50564,6438	55057,3543	o	o	o	o	o	o	26248,1452	27945,5845	33939,39394	40837,9047	43107,7334
F14	E	18253,7674	20650,6245	30000	42131,1308	46261,7002											
F14	F	21816,5248	24446,4025	34545,45455	47416,3043	51777,5878											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix F : Composted green waste - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies																
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	D	40785,1081	44403,4095	57657,65766	73627,509	78954,0926	o	o	o	o	o	o	45736,1653	47982,2192	55722,89157	64356,7857	67170,2557
F1	E	41155,8818	44807,0768	58181,81818	74296,85	79671,8571											
F1	F	35523,2713	38893,0005	51351,35135	66531,6216	71611,3313											
F2	D	37020,4264	40462,6254	53153,15315	68563,663	73715,53	o	o	o	o	o	o	48064,7931	50371,7621	58308,1571	67140,0425	70015,8075
F2	E	55048,4763	59288,2239	74545,45455	92530,5258	98490,8891											
F2	F	32093,7422	35305,5127	47272,72727	61991,8534	66930,384											
F3	D	1902,26759	1981,69373	2252,252252	2549,4382	2645,80574	o	o	o	o	o	o			2303,303303		
F3	E	2109,58263	2193,28777	2477,477477	2788,26969	2888,90913											
F3	F	1836,11296	1914,12637	2180,18018	2472,87082	2567,82602											
F4	D	23259,9696	25978,7054	36363,63636	49516,9467	53966,4312	*	**	*	**	o	o	58983,4777	61546,9096	70303,0303	79955,493	83089,0413
F4	E	103705,913	109566,655	130000	153138,083	160713,41											
F4	F	29860,6738	32954,9579	44545,45455	58891,4781	63713,5065											
F5	D	5974,10758	6416,23262	8000	9856,22642	10470,328	*	o	*	o	o	o	5519,53566	5814,893	6839,82684	7993,38837	8370,33709
F5	E	3359,02933	3687,85781	4909,090909	6405,29494	6906,73436											
F5	F	6879,0992	8313,99575	14545,45455	23620,9189	26801,6857											
F6	D	62317,2421	66815,2862	82882,88288	101648,506	107850,541	*	**	o	o	*	**	89129,835	94072,834	111278,1955	130719,559	137080,215
F6	E	134004,896	154400,602	236363,6364	346327,56	384098,922											
F6	F	161519,987	184007,758	272727,2727	389334,983	429175,121											
F7	D																
F7	E																
F7	F																
F8	D	10062,9004	11817,5712	19090,90909	29182,4611	32678,3371	*	**	*	o	o	o	27047,3268	28770,9986	34848,48485	41830,3247	44126,2859
F8	E	40393,7193	44009,9181	57272,72727	73276,7061	78616,8961											
F8	F	16849,2397	19148,178	28181,81818	40001,8109	44035,429											
F9	D																
F9	E																
F9	F																
F10	D	4652,18065	5041,05347	6454,545455	8141,5328	8702,65927	o	o	o	o	o	o	4495,52478	4762,12211	5695,652174	6758,69152	7107,32717
F10	E	672,201368	1089,86233	4000	10241,6004	12594,0274											
F10	F	3509,28726	3845,61631	5090,909091	6610,96861	7119,87336											
F11	D																
F11	E																
F11	F																
F12	D	402,610909	440,418245	580	749,784489	806,571091	*	**	*	**	o	o	593,969294	620,088726	709,375	807,906971	839,905259
F12	E	827,427272	879,656084	1063,636364	1274,74056	1344,13373											
F12	F	320,937422	353,055127	472,7272727	619,918534	669,30384											
F13	D																
F13	E																
F13	F																
F14	D	23985,0879	26747,5691	37272,72727	50564,6438	55057,3543	o	o	o	o	o	o	26248,1452	27945,5845	33939,39394	40837,9047	43107,7334
F14	E	18253,7674	20650,6245	30000	42131,1308	46261,7002											
F14	F	21816,5248	24446,4025	34545,45455	47416,3043	51777,5878											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol		
	o	Normal, compatible with expected dispersion regarding the Poisson distribution
	*	Significantly different from expected dispersion regarding the Poisson distribution
	**	Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix F : Composted green waste - batch 2

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	D	4300	3	3	3	3	1	0	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	Biochemical	-
F1	E	15000	3	3	3	3	2	0	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	Biochemical	-	-	-
F1	F	2300	3	3	3	3	0	0	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	Biochemical	-	-
F2	D	93000	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-
F2	E	7500	3	3	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
F2	F	12000	3	3	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
F3	D	24000	3	3	3	3	3	0	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	-	none	none	none	none	Serological	-
F3	E	4300	3	3	3	3	1	0	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	-	none	none	none	Serological	Serological	-
F3	F	7500	3	3	3	3	1	1	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	Serological	Serological
F4	D	110000		3	3	3	3	2	-	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	-	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F4	E	24000		3	3	3	3	0	-	yellow/pink	yellow/pink	yellow/pink	yellow/pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical	-
F4	F	150000		3	3	3	3	2	-	yellow/pink	yellow/pink	yellow/pink	yellow/pink	yellow/pink	-	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F5	D	24000	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	-	API	API	-
F5	E	>110000	3	1	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	API	API
F5	F	24000	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	-	API	API	-
F6	D	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
F6	E	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
F6	F	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
F7	D	4600	3	3	3	3	1	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
F7	E	11000	3	3	3	3	2	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
F7	F	2400	3	3	3	3	0	0	light pink	light pink	light pink	light pink	light pink	-	serological	serological	serological	serological	serological	-
F8	D	2400	2	0	0	2	3	0	pinkish	-	-	pinkish	pinkish	-	biochemical	-	-	biochemical	biochemical	-
F8	E	4600	1	0	1	2	1		pinkish	-	pinkish	pinkish	pinkish	-	biochemical	-	biochemical	biochemical	biochemical	-
F8	F	11000	1	0	1	3	1	1	pinkish	-	pinkish	pink	pinkish	pinkish	biochemical	-	biochemical	biochemical	biochemical	biochemical
F9	D	1500	3	3	3	3	2	1	red h2S neg	red h2S neg	red h2S neg	red h2S neg	red h2S neg	red h2S neg	-	-	-	-	-	see below
F9	E	4600	3	3	3	3	3	1	red h2S neg	red h2S neg	red h2S neg	red h2S neg	red h2S neg	red h2S neg	-	-	-	-	-	see below
F9	F	>11000	3	3	3	3	3	3	red h2S neg	red h2S neg	red h2S neg	red h2S neg	red h2S neg	red h2S neg	-	-	-	-	-	see below
F10	D	1100	3	3	3	2	0	0	-	-	-	Yellow	-	-	-	-	-	TSI+serology	-	-
F10	E	1100	3	3	3	2	0	0	-	-	-	Yellow	-	-	-	-	-	TSI+serology	-	-
F10	F	2400	3	2	3	3	0	0	-	-	-	Yellow	-	-	-	-	-	TSI+serology	-	-
F11	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F12	D	4600	3	3	3	3	3	1	colourless	colourless	colourless	colourless	colourless	-	serological	serological	serological	serological	serological	colourless
F12	E	1500	3	3	3	3	2	1	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
F12	F	2400	3	3	3	3	3	0	colourless	colourless	colourless	colourless	colourless	-	serological	serological	serological	serological	serological	-
F13	D	4600	0	0	0	0	0	0	low, some col	low, some col	low, some col	low, some col	low, some col	low, some col	-	-	-	-	-	-
F13	E	11000	0	0	0	0	0	0	low, some col	low, some col	low, some col	low, some col	low, some col	low, some col	-	-	-	-	-	-
F13	F	>11000	0	0	0	0	0	0	low, some col	low, some col	low, some col	low, some col	low, some col	low, some col	-	-	-	-	-	-
F14	D	110000	3	3	3	3	3	2	red	red	red	red	red	red	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat
F14	E	>110000	3	3	3	3	3	3	red	red	red	red	red	red	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat
F14	F	110000	3	3	3	3	3	2	red	red	red	red	red	red	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat	latex aglutinat

Matrix F : Composted green waste - batch 2

prEN 15215-2 : observed results by the participants (followed)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	CN	MPN table
F1	D	-	-	-	-	1	-	-	-	-	-	1	-	3/1/0	4,3
F1	E	-	-	1	-	-	-	-	-	3	-	-	-	3/2/1	15
F1	F	-	-	-	1	-	-	-	-	-	3	-	-	3/3/0	2,3
F2	D	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
F2	E	-	-	-	-	-	-	-	-	-	-	-	-	3/1/1	7,5
F2	F	-	-	-	-	-	-	-	-	-	-	-	-	3/1/2	12
F3	D	-	-	-	-	1	-	-	-	-	-	1	-	3/3/0	24
F3	E	-	-	-	1	1	-	-	-	-	1	1	-	3/1/0	4,3
F3	F	-	-	-	-	1	1	-	-	-	-	1	1	3/1/1	7,5
F4	D	-	2	2	2	2	2	-	3	3	3	3	2	3/3/2	110
F4	E	-	2	2	2	2	-	-	3	3	3	3	-	3/3/0	24
F4	F	-	2	2	2	2	2	-	3	3	3	3	2	3/2/1	15
F5	D	-	-	-	3	3	-	-	-	-	3	3	-	3/3/0	24
F5	E	-	-	-	-	3	3	-	-	-	-	3	3	3/3/3	>110
F5	F	-	-	-	3	3	-	-	-	-	3	3	-	3/3/0	24
F6	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
F6	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
F6	F	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
F7	D	3	3	3	3	3	-	3	3	3	3	1	-	3/3/1	46
F7	E	3	3	3	3	3	-	3	3	3	3	2	-	3/3/2	110
F7	F	3	3	3	3	3	-	3	3	3	3	3	-	3/3/0	24
F8	D	2	-	-	2	3	-	2	-	-	2	3	-	3/3/0	24
F8	E	1	-	1	2	1	-	1	-	1	2	1	-	3/3/1	46
F8	F	1	-	1	3	1	1	1	-	1	3	1	1	3/3/2	110
F9	D	-	-	-	-	-	2	-	-	-	-	-	2	3/2/1	15
F9	E	-	-	-	-	-	2	-	-	-	-	-	2	3/3/1	46
F9	F	-	-	-	-	-	2	-	-	-	-	-	2	3/3/3	>110
F10	D	-	-	-	2	-	-	-	-	-	2	-	-	3/3/2	110
F10	E	-	-	-	2	-	-	-	-	-	2	-	-	3/3/2	110
F10	F	-	-	-	3	-	-	-	-	-	3	-	-	3/3/0	24
F11	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F12	D	2per plate	2per plate	2per plate	2per plate	2per plate	serological	2	2	2	-	2	2per plate	3/3/1	46
F12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	-	2	2 per plate	3/2/1	15
F12	F	2per plate	2per plate	2per plate	2per plate	2per plate	-	2	2	2	-	2	-	3/3/0	24
F13	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
F13	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/2	110
F13	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
F14	D	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110
F14	E	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
F14	F	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110

Matrix F : Composted green waste - batch 2

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	D	3	3	3	3	1	0	pink	pink	pink	pink	pink	-	-	-	-	-	Biochemical	-
F1	E	3	3	3	3	2	0	pink	pink	pink	pink	pink	-	-	-	-	-	-	-
F1	F	3	3	3	3	0	0	pink	pink	pink	pink	-	-	-	-	-	-	-	-
F2	D	3	3	3	3	3	2	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
F2	E	3	3	3	3	1	1	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
F2	F	3	3	3	3	1	2	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
F3	D	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	none	none	none	none	Serological	-
F3	E	3	3	3	3	1	0	pink	pink	pink	pink	pink	-	none	none	none	Serological	Serological	-
F3	F	3	3	3	3	1	1	pink	pink	pink	pink	pink	pink	none	none	none	none	Serological	Serological
F4	D		3	3	3	3	2	-	pink	pink	pink	pink	pink	-	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F4	E		3	3	3	3	0	-	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical	-
F4	F		3	3	3	3	2	-	pink	pink	pink	pink	pink	-	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
F5	D	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	-	API	API	-
F5	E	3	2	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	API	API
F5	F	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	-	API	API	-
F6	D	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
F6	E	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
F6	F	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
F7	D	3	3	3	3	1	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
F7	E	3	3	3	3	2	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
F7	F	3	3	3	3	0	0	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	-	serological	serological	serological	serological	serological	-
F8	D	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	biochemical	biochemical	biochemical	biochemical	biochemical	-
F8	E	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
F8	F	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
F9	D	3	3	3	3	2	1	pink	pink	pink	pink	pink	pink	-	-	-	-	-	see below
F9	E	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	-	-	-	-	-	see below
F9	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	see below
F10	D	3	3	3	2	0	0	-	-	-	pink	-	-	-	-	-	TSI+serology	-	-
F10	E	3	3	3	2	0	0	-	-	-	pink	-	-	-	-	-	TSI+serology	-	-
F10	F	3	3	3	3	0	0	-	-	-	pink	-	-	-	-	-	TSI+serology	-	-
F11	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F12	D	3	3	3	3	3	1	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	deep pink
F12	E	3	3	3	3	2	1	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
F12	F	3	3	3	3	3	0	deep pink	deep pink	deep pink	deep pink	deep pink	-	serological	serological	serological	serological	serological	-
F13	D	3	3	3	3	3	1	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	E+omnivalent
F13	E	3	3	3	3	3	2	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	E+omnivalent
F13	F	3	3	3	3	3	3	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	mnivalent seru	E+omnivalent
F14	D	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati
F14	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati
F14	F	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati	latex aglutinati

Matrix F : Composted green waste - batch 2

prEN 15215-2 : observed results by the participants (followed)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
F1	D	-	-	-	-	1	-	-	-	-	-	1	-
F1	E	-	-	-	-	-	-	-	-	-	-	-	-
F1	F	-	-	-	-	-	-	-	-	-	-	-	-
F2	D	-	-	-	-	-	-	-	-	-	-	-	-
F2	E	-	-	-	-	-	-	-	-	-	-	-	-
F2	F	-	-	-	-	-	-	-	-	-	-	-	-
F3	D	-	-	-	-	1	-	-	-	-	-	1	-
F3	E	-	-	-	1	1	-	-	-	-	1	1	-
F3	F	-	-	-	-	1	1	-	-	-	-	1	1
F4	D	-	1	1	1	1	1	-	3	3	3	3	2
F4	E	-	1	1	1	1	-	-	3	3	3	3	-
F4	F	-	1	1	1	1	1	-	3	3	3	3	2
F5	D	-	-	-	3	3	-	-	-	-	3	3	-
F5	E	-	-	-	-	3	3	-	-	-	-	3	3
F5	F	-	-	-	3	3	-	-	-	-	3	3	-
F6	D	3	3	3	3	3	3	3	3	3	3	3	1
F6	E	3	3	3	3	3	2	3	3	3	3	3	2
F6	F	3	3	3	3	3	2	3	3	3	3	3	1
F7	D	3	3	3	3	3	-	3	3	3	3	1	-
F7	E	3	3	3	3	3	-	3	3	3	3	2	-
F7	F	3	3	3	3	3	-	3	3	3	3	3	-
F8	D	3	3	3	3	3	-	3	3	3	3	3	-
F8	E	3	3	3	3	3	1	3	3	3	3	3	1
F8	F	3	3	3	3	3	2	3	3	3	3	3	2
F9	D	-	-	-	-	-	2	-	-	-	-	-	2
F9	E	-	-	-	-	-	2	-	-	-	-	-	2
F9	F	-	-	-	-	-	2	-	-	-	-	-	2
F10	D	-	-	-	2	-	-	-	-	-	2	-	-
F10	E	-	-	-	2	-	-	-	-	-	2	-	-
F10	F	-	-	-	3	-	-	-	-	-	3	-	-
F11	D	-	-	-	-	-	-	-	-	-	-	-	-
F11	E	-	-	-	-	-	-	-	-	-	-	-	-
F11	F	-	-	-	-	-	-	-	-	-	-	-	-
F12	D	2per plate	2per plate	2per plate	2per plate	2per plate	serological	2	2	2	-	2	2per plate
F12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	-	2	2per plate
F12	F	2per plate	2per plate	2per plate	2per plate	2per plate	-	2	2	2	-	2	-
F13	D	1	1	1	1	1	1	1	1	1	1	1	1
F13	E	1	1	1	1	1	1	1	1	1	1	1	1
F13	F	1	1	1	1	1	1	1	1	1	1	1	1
F14	D	1	1	1	1	1	1	1	3	3	3	3	2
F14	E	1	1	1	1	1	1	3	3	3	3	3	3
F14	F	1	1	1	1	1	1	3	3	3	3	3	2

Matrix F : Composted green waste - batch 2

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	D	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	1437,87425	1868,04603	4272,88206	9773,59275	12697,5785
F1	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
F1	F	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
F2	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	5154,0562	6696,00573	15316,13374	35033,4158	45514,4344
F2	E	695,024318	1164,12603	7488,52261	20606,2991	29648,3139											
F2	F	1698,24365	3147,74831	11521,49165	36140,9863	45498,806											
F3	D	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o	o	o	o	o	2893,15632	3758,7078	8597,49435	19665,5108	25548,8819
F3	E	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
F3	F	695,024318	1164,12603	7488,52261	20606,2991	29648,3139											
F4	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	20424,5855	26535,0505	60695,04691	138831,042	180365,409
F4	E	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F4	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F5	D	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	*	**	*	**	o	o	41,9210903	54,4627085	124,57548	284,94819	370,196722
F5	E	6,60693448	11,1686325	55,84382	254,683025	320,626932											
F5	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F6	D																
F6	E																
F6	F																
F7	D	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	1437,87425	1868,04603	4272,88206	9773,59275	12697,5785
F7	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
F7	F	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
F8	D	0,34994517	0,64863443	3,87641	13,5518941	19,8609492	o	o	o	o	o	o	0,88879772	1,15470115	2,64121	6,04138157	7,84879404
F8	E	0,15417005	0,32658783	1,86558	4,96592321	6,57657837											
F8	F	0,34994517	0,64863443	2,66441	13,5518941	19,8609492											
F9	D	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605	o	o	o	o	o	o	11998,3257	15587,8894	35655,01699	81555,6364	105954,803
F9	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F9	F																
F10	D	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o					37,5982122	48,8465462	111,72933	255,564501	332,022255
F10	E	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
F10	F	6,60693448	11,1686325	52,425	254,683025	320,626932											
F11	D	-	-	-	-	-											
F11	E	-	-	-	-	-											
F11	F	-	-	-	-	-											
F12	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	7654,4614	9944,46226	22746,50292	52029,2985	67595,0101
F12	E	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605											
F12	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F13	D																
F13	E																
F13	F																
F14	D												50614,2904	65756,6711	150408,7675	344038,057	446964,625
F14	E																
F14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix F : Composted green waste - batch 2

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
F1	D	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	1437,87425	1868,04603	4272,88206	9773,59275	12697,5785
F1	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
F1	F	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
F2	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	5154,0562	6696,00573	15316,13374	35033,4158	45514,4344
F2	E	695,024318	1164,12603	7488,52261	20606,2991	29648,3139											
F2	F	1698,24365	3147,74831	11521,49165	36140,9863	45498,806											
F3	D	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o	o	o	o	o	2893,15632	3758,7078	8597,49435	19665,5108	25548,8819
F3	E	322,106879	622,300285	4272,88206	20606,2991	28707,8058											
F3	F	695,024318	1164,12603	7488,52261	20606,2991	29648,3139											
F4	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o	o	o	o	o	20424,5855	26535,0505	60695,04691	138831,042	180365,409
F4	E	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F4	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F5	D	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	*	**	*	**	o	o	75,1399678	97,6197456	223,29089	510,745252	663,545953
F5	E	14,8593564	24,6603934	105,21709	411,149721	567,544605											
F5	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F6	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	20424,5855	26535,0505	60695,04691	138831,042	180365,409
F6	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F6	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F7	D	322,106879	622,300285	4272,88206	20606,2991	28707,8058	o	o	o	o	o	o	1437,87425	1868,04603	4272,88206	9773,59275	12697,5785
F7	E	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
F7	F	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
F8	D	1698,24365	3147,74831	23978,95276	99540,5417	153461,698	o	o	o	o	o	o	15552,9835	20206,0013	46218,27271	105717,539	137345,271
F8	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F8	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F9	D	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605	o	o					11998,3257	15587,8894	35655,01699	81555,6364	105954,803
F9	E	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
F9	F																
F10	D	66,0693448	111,686325	919,17587	3749,73002	5321,08259	o	o	o	o	o	o	405,978571	527,43601	1206,43273	2759,53842	3585,11516
F10	E	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
F10	F	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
F11	D	-	-	-	-	-											
F11	E	-	-	-	-	-											
F11	F	-	-	-	-	-											
F12	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	7654,4614	9944,46226	22746,50292	52029,2985	67595,0101
F12	E	1698,24365	3147,74831	14935,72675	40738,0278	56754,4605											
F12	F	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
F13	D	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	36980,9378	48044,6006	109894,9968	251368,732	326571,229
F13	E	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
F13	F																
F14	D	10092,5289	13867,5583	109894,9968	407380,278	567544,605	o	o					50614,2904	65756,6711	150408,7675	344038,057	446964,625
F14	E																
F14	F	10092,5289	13867,5583	109894,9968	407380,278	567544,605											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix F : Composted green waste - batch 2

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	Replicat	*Salmonella* results	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/ Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/ Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
F1	D	Presence	>100	pink	-	-	-	>100	pink	-	-	-
F1	E	Presence	>100	pink	-	-	-	>100	pink	-	-	-
F1	F	Presence	>100	pink	Biochemical	2	1	>100	pink	Biochemical	2	1
F2	D	Presence	-	-	-	-	-	P	Pink	-	-	-
F2	E	Presence	-	-	-	-	-	P	Pink	-	-	-
F2	F	Presence	-	-	-	-	-	P	Pink	-	-	-
F3	D	Presence	15	pink	S	1	1	25	pink	S	1	1
F3	E	Presence	15	pink	S	1	1	25	pink	S	1	1
F3	F	Presence	15	pink	S	1	1	25	pink	S	1	1
F4	D	Presence	Presence	yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F4	E	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
F4	F	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
F5	D	Presence	Presence	pink	API	1	1	Presence	pink	API	1	1
F5	E	Presence	Presence	pink	API	1	1	Presence	pink	API	1	1
F5	F	Presence	Presence	pink	API	1	1	Presence	pink	API	1	1
F6	D	Presence	P	pink	serological	3	3	P	pink	serological	3	3
F6	E	Presence	P	pink	serological	3	3	P	pink	serological	3	3
F6	F	Presence	P	pink	serological	3	3	P	pink	serological	3	3
F7	D	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
F7	E	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
F7	F	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
F8	D	Presence	2	pink	Biochemical	2	2	3	pink	Biochemical	3	3
F8	E	Presence	3	pink	Biochemical	3	3	absence	0	0	0	0
F8	F	Presence	5	pink	biochemical	3	3	5	pink	Biochemical	3	3
F9	D	Presence	Presence	pink colonies	API 20E	2	2	Presence	pink colonies	API 20E	2	2
F9	E	Presence	Presence	pink colonies	API 20E	2	2	Presence	pink colonies	API 20E	2	2
F9	F	Presence	Presence	pink colonies	API 20E	2	2	Presence	pink colonies	API 20E	2	2
F10	D	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
F10	E	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
F10	F	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
F11	D	-	-	-	-	-	-	-	-	-	-	-
F11	E	-	-	-	-	-	-	-	-	-	-	-
F11	F	-	-	-	-	-	-	-	-	-	-	-
F12	D	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
F12	E	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
F12	F	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
F13	D	Presence	Presence	pink, moist colon	valent serum+AP	1	1	Presence	pink, moist colon	valent serum+AP	1	1
F13	E	Presence	Presence	pink, moist colon	valent serum+AP	1	1	Presence	pink, moist colon	valent serum+AP	1	1
F13	F	Presence	Presence	pink, moist colon	valent serum+AP	1	1	Presence	pink, moist colon	valent serum+AP	1	1
F14	D	Presence	presence	red	, latex aglutinatio	3	3	presence	red	, latex aglutinatio	3	3
F14	E	Presence	presence	red	, latex aglutinatio	3	3	presence	red	, latex aglutinatio	3	3
F14	F	Presence	presence	red	, latex aglutinatio	3	3	presence	red	, latex aglutinatio	3	3

Matrix F : Composted green waste - batch 2

prEN 15215-3 : observed results by the participants

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Bio chemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Bio chemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
F1	D	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
F1	E	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
F1	F	>100	pinkish red	Biochemical	2	1	>100	pinkish red	Biochemical	2	1
F2	D	-	-	-	-	-	P	-	-	-	-
F2	E	-	-	-	-	-	P	-	-	-	-
F2	F	-	-	-	-	-	P	-	-	-	-
F3	D	15	pink/yellow	S	1	1	25	pink/yellow	S	1	1
F3	E	15	pink/yellow	S	1	1	25	pink/yellow	S	1	1
F3	F	15	pink/yellow	S	1	1	25	pink/yellow	S	1	1
F4	D	Presence	pink or yellow	Biochemical	2	1	Presence	pink or yellow	Biochemical	2	2
F4	E	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F4	F	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
F5	D	Presence	pink	API	1	1	Presence	pink	API	1	1
F5	E	Presence	pink	API	1	1	Presence	pink	API	1	1
F5	F	Presence	pink	API	1	1	Presence	pink	API	1	1
F6	D	P	white	serological	3	3	P	white	serological	3	3
F6	E	P	white	serological	3	3	P	white	serological	3	3
F6	F	P	white	serological	3	3	P	white	serological	3	3
F7	D	P	light pink	serological	3	3	P	light pink	serological	3	3
F7	E	P	light pink	serological	3	3	P	light pink	serological	3	3
F7	F	P	light pink	serological	3	3	P	light pink	serological	3	3
F8	D	absence	0	0	0	0	2	pinkish	biochemical	2	2
F8	E	4	pinkish	biochemical	2	2	absence	0	0	0	0
F8	F	3	pinkish	biochemical	3	3	4	pinkish	biochemical	3	3
F9	D	Presence	pink and yellow colonie	API 20E	2	2	Presence	pink and yellow colonie	API 20E	2	2
F9	E	Presence	Yellow isolated colonie	API 20E	2	2	Presence	yellow colonies	API 20E	2	2
F9	F	Presence	yellow colonies	API 20E	2	2	Presence	yellow	API 20E	2	2
F10	D	A	-	-	-	-	A	-	-	-	-
F10	E	A	-	-	-	-	A	-	-	-	-
F10	F	A	-	-	-	-	A	-	-	-	-
F11	D	-	-	-	-	-	-	-	-	-	-
F11	E	-	-	-	-	-	-	-	-	-	-
F11	F	-	-	-	-	-	-	-	-	-	-
F12	D	presence	colourless	serological	3	3	presence	colourless	serological	3	3
F12	E	presence	colourless	serological	3	3	presence	colourless	serological	3	3
F12	F	presence	colourless	serological	3	3	presence	colourless	serological	3	3
F13	D	Absence	's colour to yellow and	-	-	-	Absence	's colour to yellow and	-	-	-
F13	E	Absence	's colour to yellow and	-	-	-	Absence	's colour to yellow and	-	-	-
F13	F	Absence	's colour to yellow and	-	-	-	Absence	's colour to yellow and	-	-	-
F14	D	presence	red	DC, latex aglutination,	3	3	presence	red	DC, latex aglutination,	3	3
F14	E	presence	red	DC, latex aglutination,	3	3	presence	red	DC, latex aglutination,	3	3
F14	F	presence	red	DC, latex aglutination,	3	3	presence	red	DC, latex aglutination,	3	3

Matrix G : Composted biowaste - batch 1

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	A	10000												
G1	B	<												
G1	C	20		3						2				
G2	A	97297			640	80	20	8			600	80	20	8
G2	B	1272,7			13	1					13	1		
G2	C	800		80	8					80	8			
G3	A	380		38	6	2								
G3	B	12000		106	65	12								
G3	C	21000		130	88	21								
G4	A	556			5	2					5			
G4	B	11111			105	10	2	1			105	10		
G4	C	18889			108	17	1	1			108	17		
G5	A	8	4						4					
G5	B	9	9						9					
G5	C	440		43	3					43	3			
G6	A	10	10						10					
G6	B	8	8						8					
G6	C	12	12						12					
G7	A	100	1											
G7	B	<100												
G7	C	900			9	2								
G8	A	1000				12						1		
G8	B	>10 - <100				1								
G8	C	500			5	5					5			
G9	A	<												
G9	B	65000				65	13					65	13	
G9	C	150		15	1					15				
G10	A	2272,727273			22	10					22	3		
G10	B	6363,636364				30	6					30	6	
G10	C	500000					50					6	1	
G11	A	-												
G11	B	-												
G11	C	-												
G12	A	0												
G12	B	29	46						29					
G12	C	53	84	2					56	2				
G13	A	<1												
G13	B	<1												
G13	C	<1												
G14	A	-			46	7								
G14	B	-			36	3								
G14	C	-			26		2	2						

Matrix G : Composted biowaste - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	A												3,37866676	6,1867096	30	87,6727228	109,774305
G1	B																
G1	C	3,37866676	6,1867096	30	87,6727228	109,774305											
G2	A	61154,8776		67326,73267					o	o					6434,032246		
G2	B	566,421866	695,811557	1272,727273	2135,41898	2439,63036											
G2	C	597,410758	641,623262	800	985,622642	1047,0328											
G3	A	273,939624	303,403462	414,4144144	552,770993	599,364513	*	**	o	o	*	**			1405,405405		
G3	B	1351,65562	1418,42857	1648,648649	1905,58832	1989,32782											
G3	C	1811,32935	1888,80763	2153,153153	2444,13906	2538,56114											
G4	A	185,211765	255,851083	636,3636364	1311,15112	1557,59334	*	**	o	o	*	**	6411,46718	6678,03125	7585,791692	8582,51642	8905,69083
G4	B	8271,65359	8791,33614	10621,06211	12719,3046	13408,9252											
G4	C	8987,46105	9529,62554	11431,14311	13600,8943	14312,9202											
G5	A	0,67220137	1,08986233	4	10,2416004	12,5940274	o	o	*	**	*	**	19,4752006	21,2860257	27,96208531	36,069036	38,7792599
G5	B	3,13238293	4,11536858	9	17,0847907	19,9984279											
G5	C	276,429985	306,161675	418,1818182	557,796183	604,813281											
G6	A	3,71690568	4,79538624	10	18,390339	21,397832	o	o	o	o	o	o	5,92239953	6,74695111	10	14,275616	15,7364211
G6	B	2,57108213	3,45383206	8	15,7632051	18,5781928											
G6	C	4,94309933	6,20057292	12	20,9615689	24,1448887											
G7	A	0,00501233	0,02531786	1	5,571631	7,43008288					*	**	4,88931685	6,13310872	11,8694362	20,7335004	23,8821847
G7	B																
G7	C	392,849119	499,196829	1000	1789,27546	2070,83466											
G8	A	4943,09933	6200,57292	12000	20961,5689	24144,8887	*	o	o	o	*	**	963,126944	1121,5394	1769,230769	2654,71419	2960,34319
G8	B	5,01233331	25,3178561	1000	5571,631	7430,08288											
G8	C	337,900516	435,944203	909,0909091	1671,849	1945,25746											
G9	A								*	**			638,209436	683,722326	846,0846085	1035,39374	1097,92534
G9	B	51935,7277	56050,6839	70909,09091	88497,7127	94334,1028											
G9	C	68,790992	83,1399575	145,4545455	236,209189	268,016857											
G10	A	1754,98797	1989,81565	2909,090909	4106,76513	4515,01217	*	**	*	**	*	**	7532,6288	8005,8807	9672,131148	11582,9078	12210,9147
G10	B	20383,2727	22921,7907	32727,27273	45308,3528	49579,17											
G10	C	336637,666	371109,409	500000	659187,644	712659,288											
G11	A																
G11	B																
G11	C																
G12	A								*	o			49,6594914	52,5920678	62,85714286	74,5405634	78,371695
G12	B	30,4072983	33,6777843	46	61,3575802	66,5294609											
G12	C	58,1738647	62,535387	78,18181818	96,5538599	102,635376											
G13	A																
G13	B																
G13	C																
G14	A	3284,13269	3609,14805	4818,181818	6302,29857	6799,97638	o	o	o	o	o	o	2971,90808	3155,20403	3799,439427	4536,53462	4778,6207
G14	B	2253,70024	2521,164	3545,454545	4846,75193	5287,3149											
G14	C	1757,38859	2002,06264	2967,35905	4236,08785	4669,56115											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol
o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix G : Composted biowaste - batch 1

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	A												1,03491817	2,42209491	20	72,2467749	92,7375631
G1	B																
G1	C	1,03491817	2,42209491	20	72,2467749	92,7375631											
G2	A			63726,37264											6131,254258		
G2	B			1272,727273													
G2	C			800													
G3	A																
G3	B																
G3	C																
G4	A	107,792269	162,348175	500	1166,83301	1414,98299	*	**	o	o	*	**	6455,02662	6727,48806	7656,25	8677,39668	9008,62092
G4	B	8114,19805	8631,29959	10454,54545	12549,0974	13237,8858											
G4	C	8916,38152	9458,99036	11363,63636	13539,2615	14253,441											
G5	A	0,67220137	1,08986233	4	10,2416004	12,5940274	o	o	*	**	*	**	19,4752006	21,2860257	27,96208531	36,069036	38,7792599
G5	B	3,13238293	4,11536858	9	17,0847907	19,9984279											
G5	C	276,429985	306,161675	418,1818182	557,796183	604,813281											
G6	A	3,71690568	4,79538624	10	18,390339	21,397832	o	o	o	o	o	o	5,92239953	6,74695111	10	14,275616	15,7364211
G6	B	2,57108213	3,45383206	8	15,7632051	18,5781928											
G6	C	4,94309933	6,20057292	12	20,9615689	24,1448887											
G7	A																
G7	B																
G7	C																
G8	A	5,01233331	25,3178561	1000	5571,631	7430,08288					o	o	139,7175	200,171706	545,4545455	1187,22431	1423,61023
G8	B																
G8	C	107,792269	162,348175	500	1166,83301	1414,98299											
G9	A								*	**			692,762761	742,462654	919,8813056	1126,91648	1195,32445
G9	B	51935,7277	56050,6839	70909,09091	88497,7127	94334,1028											
G9	C	68,9334083	83,9537788	150	247,402175	281,639961											
G10	A	1272,31021	1470,79021	2272,727273	3354,99618	3727,30101	*	**	*	**	o	o	3684,66461	4000,3542	5151,515152	6530,77142	6990,0648
G10	B	20383,2727	22921,7907	32727,27273	45308,3528	49579,17											
G10	C	1852,11765	2558,51083	6363,636364	13111,5112	15575,9334											
G11	A																
G11	B																
G11	C																
G12	A								o	o			30,882282	33,1825714	41,42857143	51,1020073	54,3032463
G12	B	17,0042335	19,4217606	29	41,6488528	45,9759029											
G12	C	36,6009917	40,0380223	52,72727273	68,1622263	73,3246446											
G13	A																
G13	B																
G13	C																
G14	A																
G14	B																
G14	C																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix G : Composted biowaste - batch 1

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	A	240	3	3	3	0	0	0	pinkish red	pinkish red	pinkish red	-	-	-	mical and serd	-	mical and serd	-	-	-
G1	B	9,5	3	2	0	0	0	0	pinkish red	pinkish red	-	-	-	-	-	-	-	-	-	-
G1	C	2	2	1	1	0	0	0	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-	-	-	-
G2	A	430	3	3	3	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-
G2	B	93	3	3	2	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
G2	C	9300	3	3	3	3	2	0	-	-	-	-	-	-	-	-	-	-	-	-
G3	A	230	3	3	3	0	0	0	yellow-pink	yellow-pink	yellow-pink	-	-	-	none	none	Serological	-	-	-
G3	B	430	3	3	3	1	0	0	yellow-pink	yellow-pink	yellow-pink	yellow-pink	-	-	none	none	none	Serological	-	-
G3	C	230	3	3	3	0	0	0	yellow-pink	yellow-pink	yellow-pink	-	-	-	none	none	Serological	-	-	-
G4	A	2400	3	3	3	3	0	0	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical	-	-
G4	B	110000	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
G4	C	46000	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
G5	A	0,36	1	0	0	0	0	0	pink	-	-	-	-	-	API	-	-	-	-	-
G5	B	2,3	3	0	0	0	0	0	pink	-	-	-	-	-	API	-	-	-	-	-
G5	C	24000	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	-	API	API	-
G6	A	2,3	3	0	0	0	0	0	white	-	-	-	-	-	serological	-	-	-	-	-
G6	B	21	3	2	2	0	0	0	white	white	white	-	-	-	serological	serological	serological	-	-	-
G6	C	4,3	3	1	0	0	0	0	white	white	-	-	-	-	serological	serological	-	-	-	-
G7	A	4600	3	3	1	0	0	0	light pink	light pink	light pink	-	-	-	serological	serological	serological	-	-	-
G7	B	<0,3	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
G7	C	110000	3	3	3	3	3	2	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
G8	A	0,36	1	0	0	0	0	0	pinkish	-	-	-	-	-	biochemical	-	-	-	-	-
G8	B	24	2	2	0	0	0	0	pinkish	biochemical	-	-	-	-	biochemical	5	-	-	-	-
G8	C	24	3	3	0	0	0	0	pinkish	biochemical	-	-	-	-	biochemical	5	-	-	-	-
G9	A	>11000	3	3	3	3	3	3	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	see below	see below	see below	see below	see below	see below
G9	B	>11000	3	3	3	3	3	3	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	red H2S neg	see below	see below	see below	see below	see below	see below
G9	C	24	3	3	3	0	0	0	red H2S neg	red H2S neg	red H2S neg	-	-	-	see below	see below	see below	-	-	-
G10	A	4,6*10^4	3	3	3	2	3	1	-	-	-	-	TSI+serology	TSI+serology	-	-	-	-	-	-
G10	B	2,4*10^4	3	3	3	3	3	0	-	-	-	-	TSI+serology	-	-	-	-	-	-	-
G10	C	2,4*10^4	3	3	3	3	2	0	-	-	-	-	TSI+serology	-	-	-	-	-	-	-
G11	A	-							-	-	-	-	-	-	-	-	-	-	-	-
G11	B	-							-	-	-	-	-	-	-	-	-	-	-	-
G11	C	-							-	-	-	-	-	-	-	-	-	-	-	-
G12	A	2,1	2	2	0	0	0	0	colourless	colourless	-	-	-	-	serological	serological	-	-	-	-
G12	B	46	3	3	1	0	0	0	colourless	colourless	colourless	-	-	-	serological	serological	serological	-	-	-
G12	C	1100	3	3	3	2	0	0	colourless	colourless	colourless	colourless	-	-	serological	serological	serological	serological	-	-
G13	A	9	3	2	0	0	0	0	d's red) after ir	d's red) after ir	-	-	-	-	-	API20E	-	-	-	-
G13	B	240	3	3	3	0	0	0	d's red) after ir	d's red) after ir	d's red) after ir	-	-	-	-	-	-	-	-	-
G13	C	1	2	0	0	0	0	0	d's red) after i	-	-	-	-	-	0	-	-	-	-	-
G14	A	>110000	3	3	3	3	3	3	red	red	red	red	red	red	, latex agluting	latex agluting	latex agluting	latex agluting	latex agluting	latex agluting
G14	B	110000	3	3	3	3	3	2	red	red	red	red	red	red	, latex agluting	latex agluting	latex agluting	latex agluting	latex agluting	latex agluting
G14	C	29000	3	3	3	3	2	3	red	red	red	red	red	red	, latex agluting	latex agluting	latex agluting	latex agluting	latex agluting	latex agluting

Matrix G : Composted biowaste - batch 1

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	**Replicat**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**CN**	**MPN table**
G1	A	1	-	1	-	-	-	1	-	1	-	-	-	3/3/0	24
G1	B	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,5
G1	C	-	-	-	-	-	-	-	-	-	-	-	-	2/1/1	2
G2	A	-	-	-	-	-	-	-	-	-	-	-	-	310	4,3
G2	B	-	-	-	-	-	-	-	-	-	-	-	-	320	9,3
G2	C	-	-	-	-	-	-	-	-	-	-	-	-	320	9,3
G3	A	-	-	1	-	-	-	-	-	1	-	-	-	3/0/0	2,3
G3	B	-	-	-	1	-	-	-	-	-	1	-	-	3/1/0	4,3
G3	C	-	-	1	-	-	-	-	-	1	-	-	-	3/0/0	2,3
G4	A	1	1	1	1	-	-	3	3	3	3	0	0	3/3/0	24
G4	B	1	1	1	1	1	1	3	3	3	3	3	2	3/3/2	110
G4	C	1	1	1	1	1	1	3	3	3	3	3	1	3/3/1	46
G5	A	1	-	-	-	-	-	1	-	-	-	-	-	1/0/0	0,36
G5	B	3	-	-	-	-	-	3	-	-	-	-	-	3/0/0	2,3
G5	C	-	-	-	3	3	-	-	-	-	3	3	-	3/3/0	24
G6	A	3	0	0	0	0	0	3	0	0	0	0	0	3/0/0	2,3
G6	B	3	2	4	0	0	0	3	2	2	0	0	0	3/2/2	21
G6	C	3	1	0	0	0	0	3	1	0	0	0	0	3/1/0	4,3
G7	A	3	3	3	-	-	-	3	3	1	-	-	-	3/3/1	46
G7	B	-	-	-	-	-	-	-	-	-	-	-	-	0/0/0	<0,3
G7	C	3	3	3	3	3	3	3	3	3	3	3	2	3/3/2	110
G8	A	2	-	-	-	-	-	1	-	-	-	-	-	1/0/0	0,36
G8	B	5	3	-	-	-	-	2	2	-	-	-	-	3/3/0	24
G8	C	5	3	-	-	-	-	3	3	-	-	-	-	3/3/0	24
G9	A	-	-	02-févr	-	-	-	-	-	-	-	-	-	3/3/3	>110
G9	B	-	-	-	-	-	02-févr	-	-	-	-	-	-	3/3/3	>110
G9	C	-	-	02-févr	-	-	-	-	-	-	-	-	-	3/3/0	24
G10	A	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
G10	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
G10	C	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
G11	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G11	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G11	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G12	A	2per plate	2per plate	-	-	-	-	2	2	-	-	-	-	2/2/0	2,1
G12	B	2per plate	2per plate	2per plate	-	-	-	2	2	2	-	-	-	3/3/1	46
G12	C	2per plate	2per plate	2per plate	2per plate	-	-	2	2	2	2	-	-	3/3/2	110
G13	A	-	1	-	-	-	-	-	1	-	-	-	-	3/2/0	9,3
G13	B	-	-	-	-	-	-	-	-	-	-	-	-	3/3/0	24
G13	C	0	-	-	-	-	-	0	-	-	-	-	-	2/0/0	0,93
G14	A	1	-	-	1	1	1	3	-	-	3	3	1	3/3/3	>110
G14	B	1	-	-	1	1	1	3	-	-	3	3	1	3/3/2	110
G14	C	1	-	-	1	1	1	3	-	-	3	2	2	3/2/3	29

Matrix G : Composted biowaste - batch 1

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	A	3	3	3	0	0	0	pink	pink	pink	-	-	-	mical and ser	-	mical and ser	-	-	-
G1	B	3	2	0	0	0	0	pink	pink	-	-	-	-	-	-	-	-	-	-
G1	C	2	1	1	0	0	0	pink	pink	pink	-	-	-	-	-	-	-	-	-
G2	A	3	3	3	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-
G2	B	3	3	2	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
G2	C	3	3	3	3	2	0	-	-	-	-	-	-	-	-	-	-	-	-
G3	A	3	3	3	0	0	0	pink	pink	pink	-	-	-	none	none	Serological	-	-	-
G3	B	3	3	3	1	0	0	pink	pink	pink	pink	-	-	none	none	none	Serological	-	-
G3	C	3	3	3	0	0	0	pink	pink	pink	-	-	-	none	none	Serological	-	-	-
G4	A	3	3	3	3	0	0	pink	pink	pink	pink	-	-	Biochemical	Biochemical	Biochemical	Biochemical	-	-
G4	B	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
G4	C	3	3	3	3	3	1	pink	pink	pink	pink	pink	pink	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical	Biochemical
G5	A	1	0	0	0	0	0	pink	-	-	-	-	-	API	-	-	-	-	-
G5	B	3	0	0	0	0	0	pink	-	-	-	-	-	API	-	-	-	-	-
G5	C	3	3	3	3	3	0	pink	pink	pink	pink	pink	-	-	-	-	API	API	-
G6	A	3	0	0	0	0	0	pink	-	-	-	-	-	serological	-	-	-	-	-
G6	B	3	2	2	0	0	0	pink	pink	pink	-	-	-	serological	serological	serological	-	-	-
G6	C	3	1	0	0	0	0	pink	pink	-	-	-	-	serological	serological	-	-	-	-
G7	A	3	3	1	0	0	0	pink, flat	pink, flat	pink, flat	-	-	-	serological	serological	serological	-	-	-
G7	B	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
G7	C	3	3	3	3	3	2	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
G8	A	1	0	0	0	0	0	pink	-	-	-	-	-	biochemical	-	-	-	-	-
G8	B	3	3	0	0	0	0	pink	biochemical	-	-	-	-	biochemical	5	-	-	-	-
G8	C	3	3	0	0	0	0	pink	biochemical	-	-	-	-	biochemical	5	-	-	-	-
G9	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	see below	see below	see below	see below	see below	see below
G9	B	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	see below	see below	see below	see below	see below	see below
G9	C	3	3	3	0	0	0	pink	pink	pink	-	-	-	see below	see below	see below	-	-	-
G10	A	3	3	3	3	3	1	pink	-	-	-	TSI+serology	TSI+serology	-	-	-	-	-	-
G10	B	3	3	3	3	3	0	pink	-	-	-	TSI+serology	-	-	-	-	-	-	-
G10	C	3	3	3	3	3	0	pink	-	-	-	TSI+serology	-	-	-	-	-	-	-
G11	A							-	-	-	-	-	-	-	-	-	-	-	-
G11	B							-	-	-	-	-	-	-	-	-	-	-	-
G11	C							-	-	-	-	-	-	-	-	-	-	-	-
G12	A	2	2	0	0	0	0	deep pink	deep pink	-	-	-	-	serological	serological	-	-	-	-
G12	B	3	3	1	0	0	0	deep pink	deep pink	deep pink	-	-	-	serological	serological	serological	-	-	-
G12	C	3	3	3	2	0	0	deep pink	deep pink	deep pink	deep pink	-	-	serological	serological	serological	serological	-	-
G13	A	3	2	0	0	0	0	em. Rough-ed	em. Rough-ed	-	-	-	-	-	-	-	-	-	-
G13	B	3	3	3	0	0	0	em. Rough-ed	em. Rough-ed	em. Rough-ed	-	-	-	-	-	API20E	-	-	-
G13	C	2	0	0	0	0	0	em. Rough-ed	-	-	-	-	-	API 20E	-	-	-	-	-
G14	A	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	, latex aglutina	latex aglutina	latex aglutina	latex aglutina	latex aglutina	latex aglutina
G14	B	3	3	3	3	3	2	pink	pink	pink	pink	pink	pink	, latex aglutina	latex aglutina	latex aglutina	latex aglutina	latex aglutina	latex aglutina
G14	C	3	3	3	3	2	3	pink	pink	pink	pink	pink	pink	, latex aglutina	latex aglutina	latex aglutina	latex aglutina	latex aglutina	latex aglutina

Matrix G : Composted biowaste - batch 1

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	A	1	-	1	-	-	-	1	-	1	-	-	-
G1	B	-	-	-	-	-	-	-	-	-	-	-	-
G1	C	-	-	-	-	-	-	-	-	-	-	-	-
G2	A	-	-	-	-	-	-	-	-	-	-	-	-
G2	B	-	-	-	-	-	-	-	-	-	-	-	-
G2	C	-	-	-	-	-	-	-	-	-	-	-	-
G3	A	-	-	1	-	-	-	-	-	1	-	-	-
G3	B	-	-	-	1	-	-	-	-	-	1	-	-
G3	C	-	-	1	-	-	-	-	-	1	-	-	-
G4	A	1	1	1	1	-	-	3	3	3	3	0	0
G4	B	1	1	1	1	1	1	3	3	3	3	3	2
G4	C	1	1	1	1	1	1	3	3	3	3	3	1
G5	A	1	-	-	-	-	-	1	-	-	-	-	-
G5	B	3	-	-	-	-	-	3	-	-	-	-	-
G5	C	-	-	-	3	3	-	-	-	-	3	3	-
G6	A	3	0	0	0	0	0	3	0	0	0	0	0
G6	B	3	2	4	0	0	0	3	2	2	0	0	0
G6	C	3	1	0	0	0	0	3	1	0	0	0	0
G7	A	3	3	3	-	-	-	3	3	1	-	-	-
G7	B	-	-	-	-	-	-	-	-	-	-	-	-
G7	C	3	3	3	3	3	3	3	3	3	3	3	2
G8	A	2	-	-	-	-	-	1	-	-	-	-	-
G8	B	5	3	-	-	-	-	3	3	-	-	-	-
G8	C	5	3	-	-	-	-	3	3	-	-	-	-
G9	A	-	-	02-févr	-	-	-	-	-	-	-	-	-
G9	B	-	-	-	-	-	02-févr	-	-	-	-	-	-
G9	C	-	-	02-févr	-	-	-	-	-	-	-	-	-
G10	A	-	-	-	-	-	-	-	-	-	-	-	-
G10	B	-	-	-	-	-	-	-	-	-	-	-	-
G10	C	-	-	-	-	-	-	-	-	-	-	-	-
G11	A	-	-	-	-	-	-	-	-	-	-	-	-
G11	B	-	-	-	-	-	-	-	-	-	-	-	-
G11	C	-	-	-	-	-	-	-	-	-	-	-	-
G12	A	2per plate	2per plate	-	-	-	-	2	2	-	-	-	-
G12	B	2per plate	2per plate	2per plate	-	-	-	2	2	2	-	-	-
G12	C	2per plate	2per plate	2per plate	2per plate	-	-	2	2	2	2	-	-
G13	A	-	-	-	-	-	-	-	-	-	-	-	-
G13	B	-	-	1	-	-	-	-	-	1	-	-	-
G13	C	1	-	-	-	-	-	1	-	-	-	-	-
G14	A	1	-	-	1	1	1	3	-	-	3	3	3
G14	B	1	-	-	1	1	1	3	-	-	3	3	2
G14	C	1	-	-	1	1	1	3	-	-	3	2	3

Matrix G : Composted biowaste - batch 1

prEN 15215-2 : calculated results from intermediate values

XLD																		
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	A	14,8593564	24,6603934	230,34855	1355,18941	1905,46072	o	o	o	o	*	**	2,06214626	2,67908277	6,12801	14,0169266	18,2103992
G1	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
G1	C	0,15417005	0,32658783	2,04329	4,96592321	6,57657837											
G2	A	31,1888958	59,7035287	424,22826	2511,88643	3090,29543	o	o	*	**	o	o	127,078647	165,097026	377,6353	863,785515	1122,20599
G2	B	6,60693448	11,1686325	91,78375	411,149721	567,544605											
G2	C	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
G3	A	14,8593564	24,6603934	230,34855	1355,18941	1905,46072	o	o	o	o	o	o	93,9184205	122,016186	279,09418	638,387116	829,374694
G3	B	31,1888958	59,7035287	424,22826	2511,88643	3090,29543											
G3	C	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
G4	A	153,461698	246,603934	2311,63493	12473,8351	16904,4093	*	o	o	o	o	o	5026,04485	6529,69696	14935,72675	34163,2904	44383,9918
G4	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
G4	C	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
G5	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	*	**	*	**	1,47685169	1,91868443	4,38871	10,0385322	13,0417804
G5	B	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
G5	C	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
G6	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	2,08699091	2,71136025	6,20184	14,1858019	18,4297973
G6	B	1,48593564	2,46603934	21,02168	49,6592321	65,7657837											
G6	C	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
G7	A	3,07609681	5,94292159	42,39259	254,683025	320,626932					*	**	1,67698522	2,17869231	4,98344	11,3988901	14,8091194
G7	B																
G7	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
G8	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	o	o	o	o	0,63236581	0,82155198	1,87918	4,2983494	5,58429537
G8	B	0,15417005	0,32658783	2,10212	4,96592321	6,57657837											
G8	C	1,48593564	2,46603934	23,02675	135,518941	197,696964											
G9	A												1170,07524	1520,12905	3477,07286	7953,29561	10332,6993
G9	B																
G9	C	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
G10	A	322,106879	622,300285	3603,5882	12473,8351	16904,4093	o	o	o	o	o	o	1987,33086	2581,88469	5905,6836	13508,3875	17549,7193
G10	B	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
G10	C	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
G11	A	-	-	-	-	-											
G11	B	-	-	-	-	-											
G11	C	-	-	-	-	-											
G12	A	0,15417005	0,32658783	2,10212	4,96592321	6,57657837	*	o	o	o	*	**	3,10509657	4,03405466	9,22731	21,106122	27,4204837
G12	B	3,07609681	5,94292159	42,39259	254,683025	320,626932											
G12	C	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
G13	A	0,71121351	1,11686325	9,17703	41,6869383	58,3445104	o	o	*	**	o	o	1,63028414	2,11801958	4,84466	11,0814512	14,3967116
G13	B	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
G13	C	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
G14	A								o	o			18789,2791	24410,5062	55835,46253	127715,454	165924,347
G14	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
G14	C	3250,87297	6950,24318	29172,44058	99540,5417	153461,698											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix G : Composted biowaste - batch 1

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between A and B - 5% level	Dispersion of repeated measur. between A and B - 1% level	Dispersion of repeated measur. between B and C - 5% level	Dispersion of repeated measur. between B and C - 1% level	Dispersion of repeated measur. between A and C - 5% level	Dispersion of repeated measur. between A and C - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	A	14,8593564	24,6603934	230,34855	1355,18941	1905,46072	o	o	o	o	*	**	2,06214626	2,67908277	6,12801	14,0169266	18,2103992
G1	B	0,71121351	1,11686325	9,17703	41,6869383	58,3445104											
G1	C	0,15417005	0,32658783	2,04329	4,96592321	6,57657837											
G2	A	31,1888958	59,7035287	424,22826	2511,88643	3090,29543	o	o	*	**	o	o	127,078647	165,097026	377,6353	863,785515	1122,20599
G2	B	6,60693448	11,1686325	91,78375	411,149721	567,544605											
G2	C	695,024318	1164,12603	9328,03407	36140,9863	45498,806											
G3	A	14,8593564	24,6603934	230,34855	1355,18941	1905,46072	o	o	o	o	o	o	93,9184205	122,016186	279,09418	638,387116	829,374694
G3	B	31,1888958	59,7035287	424,22826	2511,88643	3090,29543											
G3	C	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
G4	A	153,461698	246,603934	2311,63493	12473,8351	16904,4093	*	o	o	o	o	o	5026,04485	6529,69696	14935,72675	34163,2904	44383,9918
G4	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
G4	C	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
G5	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	*	**	*	**	1,47685169	1,91868443	4,38871	10,0385322	13,0417804
G5	B	0,15417005	0,32658783	2,30259	13,5518941	19,8609492											
G5	C	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
G6	A	0,15417005	0,32658783	2,30259	13,5518941	19,8609492	o	o	o	o	o	o	2,08699091	2,71136025	6,20184	14,1858019	18,4297973
G6	B	1,48593564	2,46603934	21,02168	49,6592321	65,7657837											
G6	C	0,34994517	0,64863443	4,23895	25,7039578	32,8095293											
G7	A	3,07609681	5,94292159	42,39259	254,683025	320,626932					*	**	1,67698522	2,17869231	4,98344	11,3988901	14,8091194
G7	B																
G7	C	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
G8	A	0,00301995	0,015417	0,35667	2,57039578	3,28095293	o	o	o	o	o	o	0,91863284	1,1934621	2,72987	6,24417835	8,11226195
G8	B	1,48593564	2,46603934	23,02675	135,518941	197,696964											
G8	C	1,48593564	2,46603934	23,02675	135,518941	197,696964											
G9	A												1170,07524	1520,12905	3477,07286	7953,29561	10332,6993
G9	B																
G9	C	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
G10	A	3250,87297	6950,24318	46218,27271	199526,231	283139,2	o	o	o	o	o	o	9867,11186	12819,0759	29321,76115	67069,24	87134,4816
G10	B	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
G10	C	1698,24365	3147,74831	23978,95276	99540,5417	153461,698											
G11	A	-	-	-	-	-											
G11	B	-	-	-	-	-											
G11	C	-	-	-	-	-											
G12	A	0,15417005	0,32658783	2,10212	4,96592321	6,57657837	*	o	o	o	*	**	3,10509657	4,03405466	9,22731	21,106122	27,4204837
G12	B	3,07609681	5,94292159	42,39259	254,683025	320,626932											
G12	C	66,0693448	111,686325	919,17587	3749,73002	5321,08259											
G13	A	0,71121351	1,11686325	9,17703	41,6869383	58,3445104	o	o	*	**	o	o	1,63028414	2,11801958	4,84466	11,0814512	14,3967116
G13	B	14,8593564	24,6603934	230,34855	1355,18941	1905,46072											
G13	C	0,04852885	0,09162205	0,91629	4,16869383	5,83445104											
G14	A								o	o			18789,2791	24410,5062	55835,46253	127715,454	165924,347
G14	B	10092,5289	13867,5583	109894,9968	407380,278	567544,605											
G14	C	3250,87297	6950,24318	29172,44058	99540,5417	153461,698											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix G : Composted biowaste - batch 1

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	Replicat	*Salmonella* results	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
G1	A	Presence	P	pink	Biochemical	1	1	P	pink	Biochemical	1	1
G1	B	Presence	P	pink	-	-	-	P	pink	-	-	-
G1	C	Presence	P	pink	-	-	-	P	pink	-	-	-
G2	A	Presence	P	-	-	-	-	P	Pink	-	-	-
G2	B	Presence	P	-	-	-	-	P	Pink	-	-	-
G2	C	Presence	P	-	-	-	-	P	Pink	-	-	-
G3	A	Presence	15	pink	-	1	1	25	pink	-	1	1
G3	B	Presence	15	pink	-	1	1	25	pink	-	1	1
G3	C	Presence	15	pink	-	1	1	25	pink	-	1	1
G4	A	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
G4	B	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
G4	C	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
G5	A	Presence	presence	pink	API	1	1	presence	pink	API	1	1
G5	B	Presence	presence	pink	API	1	1	presence	pink	API	1	1
G5	C	Presence	presence	pink	API	1	1	presence	pink	API	1	1
G6	A	Presence	A	-	-	-	-	P	pink	serological	3	3
G6	B	Presence	A	-	-	-	-	P	pink	serological	3	3
G6	C	Presence	A	-	-	-	-	P	pink	serological	3	3
G7	A	Absence	A	-	serological	3	-	A	-	serological	3	-
G7	B	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
G7	C	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
G8	A	Presence	absence	-	-	-	-	2	pink	Biochemical	3	3
G8	B	Presence	absence	-	-	-	-	absence	-	-	-	-
G8	C	Presence	5	pink	Biochemical	3	3	4	pink	Biochemical	3	3
G9	A	Present	Present	pink, non suspect gr	see below	2	2	Present	ect pink, no non sus	see below	2	2
G9	B	Present	Present	s pink and non suspe	see below	2	2	Present	nk colonies, no non s	see below	2	2
G9	C	Present	Present	sus pink	see below	2	2	Present	sus pink	see below	2	2
G10	A	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
G10	B	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
G10	C	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
G11	A	-	-	-	-	-	-	-	-	-	-	-
G11	B	-	-	-	-	-	-	-	-	-	-	-
G11	C	-	-	-	-	-	-	-	-	-	-	-
G12	A	Presence	presence	pink	serological	5	5	presence	pink	serological	5	5
G12	B	Presence	presence	pink	serological	5	5	presence	pink	serological	5	5
G12	C	Presence	presence	pink	serological	5	5	presence	pink	serological	5	5
G13	A	Presence	Presence	ink colonies with rou	API20E	1	1	Presence	ink colonies with rou	API20E	1	1
G13	B	Presence	Presence	ink colonies with rou	API20E	1	1	Presence	ink colonies with rou	-	-	-
G13	C	Presence	Presence	ink colonies with rou	API20E	1	1	Presence	ink colonies with rou	-	-	-
G14	A	Presence	absence	-	-	-	-	presence	red	ina, latex aglutinatio	3	3
G14	B	Presence	presence	red	ina, latex aglutinatio	3	3	presence	red	ina, latex aglutinatio	3	3
G14	C	Presence	absence	-	-	-	-	presence	red	ina, latex aglutinatio	3	3

Matrix G : Composted biowaste - batch 1

prEN 15215-3 : observed results by the participants

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
G1	A	P	pinkish red	Biochemical	1	1	P	pinkish red	Biochemical	1	1
G1	B	P	pinkish red	-	-	-	P	pinkish red	-	-	-
G1	C	P	pinkish red	-	-	-	P	pinkish red	-	-	-
G2	A	P	-	-	-	-	P	Pink	-	-	-
G2	B	P	-	-	-	-	P	Pink	-	-	-
G2	C	P	-	-	-	-	P	Pink	-	-	-
G3	A	15	pink/yellow	-	1	1	25	pink/yellow	-	1	1
G3	B	15	pink/yellow	-	1	1	25	pink/yellow	-	1	1
G3	C	15	pink/yellow	-	1	1	25	pink/yellow	-	1	1
G4	A	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
G4	B	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
G4	C	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
G5	A	absence	-	-	-	-	absence	-	-	-	-
G5	B	absence	-	-	-	-	presence	pink	API	1	1
G5	C	absence	-	-	-	-	presence	pink	API	1	1
G6	A	P	white	serological	3	3	P	white	serological	3	3
G6	B	P	white	serological	3	3	A	-	-	-	-
G6	C	P	white	serological	3	3	P	white	serological	3	3
G7	A	A	-	serological	3	0	A	-	serological	3	0
G7	B	A	light pink	serological	3	0	P	light pink	serological	3	3
G7	C	P	light pink	serological	3	3	P	light pink	serological	3	3
G8	A	4	pinkish	Biochemical	3	3	absence	0	0	0	0
G8	B	absence	0	0	0	0	3	pinkish	Biochemical	3	3
G8	C	absence	0	0	0	0	absence	0	0	0	0
G9	A	Present	yellow colonies	see below	2	2	Present	suspect h2S neg	see below	2	2
G9	B	Present	sus h2S neg	see below	2	2	Present	sus h2S neg	see below	2	2
G9	C	Present	yellow colonies	see below	2	2	Present	sus h2S colonies	see below	2	2
G10	A	A	-	-	-	-	-	-	-	-	-
G10	B	A	-	-	-	-	-	-	-	-	-
G10	C	A	-	-	-	-	-	-	-	-	-
G11	A	-	-	-	-	-	-	-	-	-	-
G11	B	-	-	-	-	-	-	-	-	-	-
G11	C	-	-	-	-	-	-	-	-	-	-
G12	A	presence	colourless	serological	5	5	presence	colourless	serological	5	5
G12	B	presence	colourless	serological	5	5	presence	colourless	serological	5	5
G12	C	presence	colourless	serological	5	5	presence	colourless	serological	5	5
G13	A	Absence	yphi). The plate has	-	-	-	Presence	onies are yellow and	-	-	-
G13	B	Absence	yphi). The plate has	-	-	-	Presence	less/clear, yellowish/	API20E	1	1
G13	C	Absence	yphi). The plate has	-	-	-	Presence	XLD plate (as S. par	API20E	1	1
G14	A	presence	red	ina, latex aglutinatio	3	3	presence	red	ina, latex aglutinatio	3	3
G14	B	presence	red	ina, latex aglutinatio	3	3	presence	red	ina, latex aglutinatio	3	3
G14	C	absence	-	-	-	-	presence	red	ina, latex aglutinatio	3	3

Matrix G : Composted biowaste - batch 2

prEN 15215-1 : observed results by the participants

			Number of presumptive colonies						Number of confirmed MuCap colonies					
			dilution steps						dilution steps					
Sample	Replicat	*Salmonella* number (per g wet weight)	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	D	2800000						23						23
G1	E	2100000					144	7					144	7
G1	F	690000					51						51	
G2	D	2000000						20						20
G2	E	800000						8						8
G2	F	3000000						30						30
G3	D	380		38	6	2								
G3	E	12000		106	65	12								
G3	F	21000		130	88	21								
G4	D	970000					97	5					97	
G4	E	1200000					120	6					120	
G4	F	1100000					137	11						11
G5	D	510000					51	3					51	3
G5	E	800000					78	10					78	10
G5	F	2800000						28						28
G6	D	187000						187						187
G6	E	110000						110						110
G6	F	156000						156						156
G7	D	3,5×105					35	3						
G7	E	3,8×105					38	4						
G7	F	2,3×105					23	1						
G8	D	550000					55	6					55	6
G8	E	630000					60	9					60	9
G8	F	750000					75	8					75	8
G9	D	-						76						
G9	E	-						74						
G9	F	-						20						
G10	D	9,00 X 10^2						15			6	2	2	
G10	E	6,30 X 10^2						30			4	1	2	
G10	F	Not detected						31						
G11	D	-												
G11	E	-												
G11	F	-												
G12	D	1300		140	7	3	4			140	7	3	4	
G12	E	300		23	10	6				23	10	6		
G12	F	180		15	5	3	3			15	5	3	3	
G13	D	260000					26	1					26	1
G13	E	1800000						18						18
G13	F	840000					84	6					84	6
G14	D	1100000						11						11
G14	E	1100000						11						11
G14	F	300000					30	6						6

Matrix G : Composted biowaste - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of presumptive colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	D	1252065,03	1458001,22	2300000	3451128,45	3848446,14	o	o	*	**	*	**	855643,017	893449,192	1022727,273	1165455,42	1211812,12
G1	E	1102059,8	1162511,67	1372727,273	1609970,67	1687563,43											
G1	F	344825,769	379728,576	510000	670555,762	724456,926											
G2	D	1035328,84	1221652,89	2000000	3088836	3466801,86	o	o	*	o	o	o	1342036,36	1468060,82	1933333,333	2499281,63	2688570,3
G2	E	257108,213	345383,206	800000	1576320,51	1857819,28											
G2	F	1776719,86	2024085,33	3000000	4282684,81	4720926,33											
G3	D	273,939624	303,403462	414,4144144	552,770993	599,364513	*	**	o	o	*	**			1405,405405		
G3	E	1351,65562	1418,42857	1648,648649	1905,58832	1989,32782											
G3	F	1811,32935	1888,80763	2153,153153	2444,13906	2538,56114											
G4	D	707855,106	756079,711	927272,7273	1125645,45	1191051,68	o	o	o	o	*	o	993732,626	1027123,52	1139393,939	1260586,98	1299665,74
G4	E	899684,188	954193,919	1145454,545	1363809,03	1435477,21											
G4	F	1077660,73	1137426,08	1345454,545	1580518,31	1657424,42											
G5	D	335902,933	368785,781	490909,0909	640529,494	690673,436	*	o	*	**	*	**	601279,339	632196,426	739130,4348	858971,83	898079,179
G5	E	597410,758	641623,262	800000	985622,642	1047032,8											
G5	F	1624531,33	1860578,28	2800000	4046780,18	4473849,41											
G6	D	15365502,8	16115728,7	18700000	21580791,7	22519307,1	*	**	o	o	o	o			15100000		
G6	E	8486336,77	9040660,3	11000000	13257973,8	14001202,5											
G6	F	12570714,1	13248052,7	15600000	18249125,8	19114986,1											
G7	D	218165,248	244464,025	345454,5455	474163,043	517775,878	o	o	o	o	o	o	241243,427	257501,523	315151,5152	381858,653	403843,805
G7	E	247126,203	275181,061	381818,1818	516107,192	561462,807											
G7	F	120503,061	139793,176	218181,8182	324637,243	361317,452											
G8	D	388729,757	424183,132	554545,4545	712336,897	765037,747	o	o	o	o	o	o	537230,515	561678,215	645454,5455	738202,677	768353,973
G8	E	449835,875	488055,545	627272,7273	793853,537	849302,331											
G8	F	558286,849	600991,414	754545,4545	935372,188	995281,006											
G9	D	5542294,34	5987934,17	7600000	9512534,7	10147560,5	o	o	*	**	*	**	4609808,27	4846839,27	5666666,667	6585450,7	6885273,71
G9	E	5372031,43	5810588,36	7400000	9290018,69	9917993,29											
G9	F	1035328,84	1221652,89	2000000	3088836	3466801,86											
G10	D	689334,083	839537,788	1500000	2474021,75	2816399,61	o	o	o	o	o	o	1847431,45	1995978,06	2533333,333	3170844,9	3382520,18
G10	E	1776719,86	2024085,33	3000000	4282684,81	4720926,33											
G10	F	1853416,37	2106299,58	3100000	4400199,2	4843897,19											
G11	D																
G11	E																
G11	F																
G12	D	1115,33438	1175,8597	1386,138614	1623,17032	1700,6628	*	**	o	o	*	**	548,499959	573,090324	657,2629052	750,3188	780,555372
G12	E	223,339663	249,845081	351,3513514	480,30875	523,968143											
G12	F	132,678115	152,871884	234,0234023	342,898574	380,295962											
G13	D	140823,287	161756,054	245454,5455	357123,314	395427,17	*	**	*	o	*	**	465001,944	492124,575	586956,5217	694734,209	730059,063
G13	E	894337,514	1066793,64	1800000	2844774,71	3209061,47											
G13	F	613110,341	657915,164	818181,8182	1005684,25	1067683,38											
G14	D	432134,031	549116,512	1100000	1968203,01	2277918,13	o	o	*	o	*	o	309700,699	338783,266	446153,8462	576757,299	620439,3
G14	E	432134,031	549116,512	1100000	1968203,01	2277918,13											
G14	F	203832,727	229217,907	327272,7273	453083,528	495791,7											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis

Symbol		
	o	Normal, compatible with expected dispersion regarding the Poisson distribution
	*	Significantly different from expected dispersion regarding the Poisson distribution
	**	Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix G : Composted biowaste - batch 2

prEN 15215-1 : calculated results from intermediate values

		Number of confirmed MuCap colonies															
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	D	1252065,03	1458001,22	2300000	3451128,45	3848446,14	o	o	*	**	*	**	855643,017	893449,192	1022727,273	1165455,42	1211812,12
G1	E	1102059,8	1162511,67	1372727,273	1609970,67	1687563,43											
G1	F	344825,769	379728,576	510000	670555,762	724456,926											
G2	D	1035328,84	1221652,89	2000000	3088836	3466801,86	o	o	*	o	o	o	1342036,36	1468060,82	1933333,333	2499281,63	2688570,3
G2	E	257108,213	345383,206	800000	1576320,51	1857819,28											
G2	F	1776719,86	2024085,33	3000000	4282684,81	4720926,33											
G3	D																
G3	E																
G3	F																
G4	D	735097,592	786604,504	970000	1183317,6	1253728,94	o	o	o	o	o	o	909451,262	949349,711	1085714,286	1236166,96	1285024,39
G4	E	936620,573	994918,92	1200000	1434905,86	1512083,39											
G4	F	432134,031	549116,512	1100000	1968203,01	2277918,13											
G5	D	335902,933	368785,781	490909,0909	640529,494	690673,436	*	o	*	**	*	**	601279,339	632196,426	739130,4348	858971,83	898079,179
G5	E	597410,758	641623,262	800000	985622,642	1047032,8											
G5	F	1624531,33	1860578,28	2800000	4046780,18	4473849,41											
G6	D	15365502,8	16115728,7	18700000	21580791,7	22519307,1	*	**	o	o	o	o			15100000		
G6	E	8486336,77	9040660,3	11000000	13257973,8	14001202,5											
G6	F	12570714,1	13248052,7	15600000	18249125,8	19114986,1											
G7	D																
G7	E																
G7	F																
G8	D	388729,757	424183,132	554545,4545	712336,897	765037,747	o	o	o	o	o	o	537230,515	561678,215	645454,5455	738202,677	768353,973
G8	E	449835,875	488055,545	627272,7273	793853,537	849302,331											
G8	F	558286,849	600991,414	754545,4545	935372,188	995281,006											
G9	D																
G9	E																
G9	F																
G10	D	334,856367	432,016778	900,9009009	1656,7873	1927,73262	o	o					371,650881	446,086423	765,7657658	1226,06436	1386,96112
G10	E	183,543191	253,546118	630,6306306	1299,33894	1543,56097											
G10	F																
G11	D																
G11	E																
G11	F																
G12	D	1115,33438	1175,8597	1386,138614	1623,17032	1700,6628	*	**	o	o	*	**	548,499959	573,090324	657,2629052	750,3188	780,555372
G12	E	223,339663	249,845081	351,3513514	480,30875	523,968143											
G12	F	132,678115	152,871884	234,0234023	342,898574	380,295962											
G13	D	140823,287	161756,054	245454,5455	357123,314	395427,17	*	**	*	o	*	**	465001,944	492124,575	586956,5217	694734,209	730059,063
G13	E	894337,514	1066793,64	1800000	2844774,71	3209061,47											
G13	F	613110,341	657915,164	818181,8182	1005684,25	1067683,38											
G14	D	432134,031	549116,512	1100000	1968203,01	2277918,13	o	o	o	o	o	o	541510,443	620192,759	933333,3333	1348926,73	1491283,14
G14	E	432134,031	549116,512	1100000	1968203,01	2277918,13											
G14	F	153689,25	220188,877	600000	1305946,75	1565971,26											

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the Poisson Distribution (Brownlee formula (1965) on the relationship between Poisson distribution and X^2 distribution)

Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.: closeness of the agreement between the results of duplicate analysis
Symbol o Normal, compatible with expected dispersion regarding the Poisson distribution
* Significantly different from expected dispersion regarding the Poisson distribution
** Highly significantly different from expected dispersion regarding the Poisson distribution

Matrix G : Composted biowaste - batch 2

prEN 15215-2 : observed results by the participants

			XLD - Number of positive flasks						XLD -Description of presumptive colonies						XLD -Confirmation tests description					
Sample	Replicat	number (MPN) per g wet weight	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	D	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
G1	E	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	emical test AP
G1	F	>110000	3	3	3	3	3	3	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	pinkish red	-	-	-	-	-	-
G2	D	430000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
G2	E	930000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
G2	F	4600000	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
G3	D	15000000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
G3	E	46000000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
G3	F	15000000	3	3	3	3	3	3	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	yellow-pink	none	none	none	none	none	none
G4	D	460000				3	3	3	-	-	-	pink/yellow	pink/yellow	pink/yellow	-	-	-	biochemical	biochemical	biochemical
G4	E	1100000				3	3	3	-	-	-	pink/yellow	pink/yellow	pink/yellow	-	-	-	biochemical	biochemical	biochemical
G4	F	> 1100000				3	3	3	-	-	-	pink/yellow	pink/yellow	pink/yellow	-	-	-	biochemical	biochemical	biochemical
G5	D	110000000	3	3	3	3	3	3	yellow	yellow	yellow	yellow	yellow	yellow	-	-	-	ser	ser	ser
G5	E	110000000	3	3	3	3	3	3	yellow	yellow	yellow	yellow	yellow	yellow	-	-	-	ser	ser	ser
G5	F	110000000	3	3	3	3	3	3	yellow	yellow	yellow	yellow	yellow	yellow	-	-	-	ser	ser	ser
G6	D	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
G6	E	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
G6	F	>11000	3	3	3	3	3	3	white	white	white	white	white	white	serological	serological	serological	serological	serological	serological
G7	D	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
G7	E	>1,1×105	3	3	3	3	3	3	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
G7	F	>1,1×105	3	3	3	2	3	2	light pink	light pink	light pink	light pink	light pink	light pink	serological	serological	serological	serological	serological	serological
G8	D	> 11000	2	3	2	2	2	1	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
G8	E	> 11000	2	3	1	2	2	2	pinkish	pinkish	pinkish	pinkish	pinkish	pinkish	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
G8	F	> 11000	1	2	1	1	0	1	pinkish	pinkish	pinkish	pinkish	0	pinkish	biochemical	biochemical	biochemical	biochemical	0	biochemical
G9	D	<	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	utoagglutinatio	0	utoagglutinatio	0	0	utoagglutinatio
G9	E	<	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	utoagglutinatio	0	0	0	0	utoagglutinatio
G9	F	<	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	utoagglutinatio	0	0	utoagglutinatio	utoagglutinatio	utoagglutinatio
G10	D	>1,10 x 10^5	2	2	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
G10	E	>1,10 x 10^5	3	3	2	3	3	3	-	-	-	Yellow	Yellow	Yellow	-	-	-	TSI+serology	TSI+serology	TSI+serology
G10	F	4,6 x 10^4	3	3	3	3	3	1	-	-	-	Yellow	Yellow	Yellow	-	-	-	TSI+serology	TSI+serology	TSI+serology
G11	D	23	3	3	3	3	0	0	pinkish red	pinkish red	pinkish red	pinkish red	-	-	hemical/serolo	hemical/serolo	hemical/serolo	hemical/serolo	-	-
G11	E	23	3	3	3	3	0	0	pinkish red	pinkish red	pinkish red	pinkish red	-	-	hemical/serolo	hemical/serolo	hemical/serolo	hemical/serolo	-	-
G11	F	23	3	3	3	3	0	0	pinkish red	pinkish red	pinkish red	pinkish red	-	-	hemical/serolo	hemical/serolo	hemical/serolo	hemical/serolo	-	-
G12	D	>110000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
G12	E	>110000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
G12	F	>110000	3	3	3	3	3	3	colourless	colourless	colourless	colourless	colourless	colourless	serological	serological	serological	serological	serological	serological
G13	D	>11000	3	3	3	3	3	3	. Some coloni	. Some coloni	. Some coloni	. Some coloni	. Some coloni	. Some coloni	-	-	-	-	-	mnivalent seru
G13	E	>11000	3	3	3	3	3	3	. Some coloni	. Some coloni	. Some coloni	. Some coloni	. Some coloni	. Some coloni	-	-	-	-	-	mnivalent seru
G13	F	>11000	3	3	3	3	3	3	greyish colon	greyish colon	greyish colon	greyish colon	greyish colon	greyish colon	-	-	-	-	-	mnivalent seru
G14	D	>110000	3	3	3	3	3	3	red	red	red	red	red	red	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
G14	E	>110000	3	3	3	3	3	3	red	red	red	red	red	red	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
G14	F	>110000	3	3	3	3	3	3	red	red	red	red	red	red	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,

Matrix G : Composted biowaste - batch 2

prEN 15215-2 : observed results by the participants (following)

		XLD -Number of colonies tested for confirmation						XLD -Number of plates with confirmed colonies							
Sample	**Replicat**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**1**	**0,1**	**0,01**	**0,001**	**0,0001**	**0,00001**	**CN**	**MPN table**
G1	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
G1	E	-	-	-	-	-	1	-	-	-	-	-	3	3/3/3	>110
G1	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
G2	D	-	-	-	-	-	-	-	-	-	-	-	-	3/1/0	4,3
G2	E	-	-	-	-	-	-	-	-	-	-	-	-	3/2/0	9,3
G2	F	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
G3	D	-	-	-	-	-	-	-	-	-	-	-	-	3/2/1	15
G3	E	-	-	-	-	-	-	-	-	-	-	-	-	3/3/1	46
G3	F	-	-	-	-	-	-	-	-	-	-	-	1	3/2/1	15
G4	D	-	-	-	2	2	2	-	-	-	3	3	3	3/3/1	46
G4	E	-	-	-	2	2	2	-	-	-	3	3	3	3/3/2	110
G4	F	-	-	-	2	2	2	-	-	-	3	3	3	3/3/3	>110
G5	D	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
G5	E	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
G5	F	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
G6	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
G6	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
G6	F	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
G7	D	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
G7	E	3	3	3	3	3	3	3	3	3	3	3	3	3/3/3	>110
G7	F	3	3	3	3	3	3	3	3	3	2	3	2	(2/3/2) 2/3/1	3,6
G8	D	2	3	2	2	2	1	2	3	2	2	2	1	3/3/3	> 110
G8	E	2	3	1	0	2	2	2	3	1	0	2	2	3/3/3	> 110
G8	F	1	2	1	1	0	1	1	2	1	1	0	1	3/3/3	> 110
G9	D	2	0	2	0	0	2	0	0	0	0	0	0	0/0/0	<
G9	E	2	0	0	0	0	2	0	0	0	0	0	0	0/0/0	<
G9	F	2	0	0	2	2	2	0	0	0	0	0	0	0/0/0	<
G10	D	-	-	-	-	-	-	-	-	-	-	-	-	3/3/3	>110
G10	E	-	-	-	3	3	3	-	-	-	3	3	3	3/3/3	>110
G10	F	-	-	-	3	3	3	-	-	-	3	3	3	3/3/1	46
G11	D	5	5	5	5	-	-	3	3	3	3	-	-	3/3/0	2,3
G11	E	5	5	5	5	-	-	3	3	3	3	-	-	3/3/0	2,3
G11	F	5	5	5	5	-	-	3	3	3	3	-	-	3/3/0	2,3
G12	D	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
G12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
G12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2	3/3/3	>110
G13	D	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
G13	E	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
G13	F	-	-	-	-	-	1	-	-	-	-	-	1	3/3/3	>110
G14	D	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
G14	E	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110
G14	F	1	1	1	1	1	1	3	3	3	3	3	3	3/3/3	>110

Matrix G : Composted biowaste - batch 2

prEN 15215-2 : observed results by the participants

		Rambach- Number of positive flasks						Rambach-Description of presumptive colonies						Rambach-Confirmation tests description					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
G1	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	-
G1	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	-	-	emical test AF
G2	D	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
G2	E	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
G2	F	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	-	-	-	-	-	-
G3	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
G3	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
G3	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	none	none	none	none	none	none
G4	D				3	3	3	-	-	-	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical
G4	E				3	3	3	-	-	-	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical
G4	F				3	3	3	-	-	-	pink	pink	pink	-	-	-	biochemical	biochemical	biochemical
G5	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	Ser	ser	ser
G5	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	Ser	ser	ser
G5	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	-	-	-	Ser	ser	ser
G6	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
G6	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
G6	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	serological	serological	serological	serological	serological	serological
G7	D	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
G7	E	3	3	3	3	3	3	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
G7	F	3	3	3	2	2	1	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	pink, flat	serological	serological	serological	serological	serological	serological
G8	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
G8	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
G8	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	biochemical	biochemical	biochemical	biochemical	biochemical	biochemical
G9	D	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	utoagglutinatio	0	0	0	0	0
G9	E	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	utoagglutinatio	0	0	0	0	utoagglutinatio
G9	F	3	3	3	3	3	3	Pink	Pink	Pink	Pink	Pink	Pink	utoagglutinatio	0	0	0	0	0
G10	D	3	3	3	3	3	3	-	-	-	pink	pink	pink	-	-	-	TSI+serology	TSI+serology	TSI+serology
G10	E	3	3	3	3	3	3	-	-	-	pink	pink	pink	-	-	-	TSI+serology	TSI+serology	TSI+serology
G10	F	3	3	3	3	3	1	-	-	-	pink	pink	pink	-	-	-	TSI+serology	TSI+serology	TSI+serology
G11	D	3	3	3	3	0	0	pink	pink	pink	pink	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
G11	E	3	3	3	3	0	0	pink	pink	pink	pink	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
G11	F	3	3	3	3	0	0	pink	pink	pink	pink	-	-	hemical/serol	hemical/serol	hemical/serol	hemical/serolo	-	-
G12	D	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
G12	E	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
G12	F	3	3	3	3	3	3	deep pink	deep pink	deep pink	deep pink	deep pink	deep pink	serological	serological	serological	serological	serological	serological
G13	D	3	3	3	3	3	3	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	-	-	-	-	-	alent serum+A
G13	E	3	3	3	3	3	3	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	-	-	-	-	-	alent serum+A
G13	F	3	3	3	3	3	3	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	und them. Rou	-	-	-	-	-	alent serum+A
G14	D	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
G14	E	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,
G14	F	3	3	3	3	3	3	pink	pink	pink	pink	pink	pink	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,	ation, api20E,

Matrix G : Composted biowaste - batch 2

prEN 15215-2 : observed results by the participants (following)

		Rambach-Number of colonies tested for confirmation						Rambach-Number of plates with confirmed colonies					
Sample	Replicat	1	0,1	0,01	0,001	0,0001	0,00001	1	0,1	0,01	0,001	0,0001	0,00001
G1	D	-	-	-	-	-	-	-	-	-	-	-	-
G1	E	-	-	-	-	-	-	-	-	-	-	-	-
G1	F	-	-	-	-	-	1	-	-	-	-	-	3
G2	D	-	-	-	-	-	-	-	-	-	-	-	-
G2	E	-	-	-	-	-	-	-	-	-	-	-	-
G2	F	-	-	-	-	-	-	-	-	-	-	-	-
G3	D	-	-	-	-	-	-	-	-	-	-	-	-
G3	E	-	-	-	-	-	-	-	-	-	-	-	-
G3	F	-	-	-	-	-	-	-	-	-	-	-	1
G4	D	-	-	-	1	1	1	-	-	-	3	3	3
G4	E	-	-	-	1	1	1	-	-	-	3	3	3
G4	F	-	-	-	1	1	1	-	-	-	3	3	3
G5	D	-	-	-	3	3	3	-	-	-	3	3	3
G5	E	-	-	-	3	3	3	-	-	-	3	3	3
G5	F	-	-	-	3	3	3	-	-	-	3	3	3
G6	D	3	3	3	3	3	3	3	3	3	3	3	3
G6	E	3	3	3	3	3	3	3	3	3	3	3	3
G6	F	3	3	3	3	3	3	3	3	3	3	3	3
G7	D	3	3	3	3	3	3	3	3	3	3	3	3
G7	E	3	3	3	3	3	3	3	3	3	3	3	3
G7	F	3	3	3	3	3	3	3	3	3	2	2	1
G8	D	3	3	3	3	3	3	3	3	3	3	3	3
G8	E	3	3	3	3	3	3	3	3	3	3	3	3
G8	F	3	3	3	3	3	3	3	3	3	3	3	3
G9	D	2	0	0	0	0	0	0	0	0	0	0	0
G9	E	2	0	0	0	0	2	0	0	0	0	0	0
G9	F	2	0	0	0	0	0	0	0	0	0	0	0
G10	D	-	-	-	3	3	3	-	-	-	3	3	3
G10	E	-	-	-	3	3	3	-	-	-	3	3	3
G10	F	-	-	-	3	3	3	-	-	-	3	3	3
G11	D	5	5	5	5	-	-	5	3	3	3	-	-
G11	E	5	5	5	5	-	-	3	3	3	3	-	-
G11	F	5	5	5	5	-	-	3	3	3	3	-	-
G12	D	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
G12	E	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
G12	F	2per plate	2per plate	2per plate	2per plate	2per plate	2per plate	2	2	2	2	2	2
G13	D	-	-	-	-	-	1	-	-	-	-	-	1
G13	E	-	-	-	-	-	1	-	-	-	-	-	1
G13	F	-	-	-	-	-	1	-	-	-	-	-	1
G14	D	1	1	1	1	1	1	3	3	3	3	3	3
G14	E	1	1	1	1	1	1	3	3	3	3	3	3
G14	F	1	1	1	1	1	1	3	3	3	3	3	3

Matrix G : Composted biowaste - batch 2

prEN 15215-2 : calculated results from intermediate values

XLD																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	D																
G1	E																
G1	F																
G2	D																
G2	E																
G2	F																
G3	D																
G3	E																
G3	F																
G4	D																
G4	E																
G4	F																
G5	D																
G5	E																
G5	F																
G6	D																
G6	E																
G6	F																
G7	D												4054,65606	5267,69579	12049,08367	27560,5166	35805,8527
G7	E																
G7	F	695,024318	1164,12603	4408,06639	20606,2991	28707,8058											
G8	D	0,71121351	1,11686325	8,69354	25,7039578	33,419504	o	o	o	o	o	o	1,86103012	2,41779831	5,53036	12,6498896	16,434383
G8	E	0,71121351	1,11686325	8,65481	25,7039578	33,419504											
G8	F	0,34994517	0,64863443	2,35904	13,5518941	19,8609492											
G9	D																
G9	E																
G9	F																
G10	D	0,15417005	0,32658783	2,10212	4,96592321	6,57657837	*	**	*	**	*	**	6,75236039	8,77247785	20,06576	45,8974912	59,6287374
G10	E	66,0693448	111,686325	785,27795	2511,88643	3235,93657											
G10	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
G11	D	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	777,891898	1010,61541	2311,63493	5287,5268	6869,407
G11	E	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
G11	F	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
G12	D																
G12	E																
G12	F																
G13	D																
G13	E																
G13	F																
G14	D																
G14	E																
G14	F																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix G : Composted biowaste - batch 2

prEN 15215-2 : calculated results from intermediate values

Rambach																	
Sample	Replicat	Inf CI 99%	Inf CI 95%	calculated result (per replicat)	Sup CI 95%	Sup CI 99%	Dispersion of repeated measur. between D and E - 5% level	Dispersion of repeated measur. between D and E - 1% level	Dispersion of repeated measur. between E and F - 5% level	Dispersion of repeated measur. between E and F - 1% level	Dispersion of repeated measur. between D and F - 5% level	Dispersion of repeated measur. between D and F - 1% level	Inf CI 99%	Inf CI 95%	calculated result (per sample)	Sup CI 95%	Sup CI 99%
G1	D																
G1	E																
G1	F																
G2	D																
G2	E																
G2	F																
G3	D																
G3	E																
G3	F																
G4	D																
G4	E																
G4	F																
G5	D																
G5	E																
G5	F																
G6	D																
G6	E																
G6	F																
G7	D												3392,29166	4407,1705	10080,75791	23058,2593	29956,6459
G7	E																
G7	F	322,106879	622,300285	2763,19252	12473,8351	16904,4093											
G8	D																
G8	E																
G8	F																
G9	D																
G9	E																
G9	F																
G10	D												50614,2904	65756,6711	150408,7675	344038,057	446964,625
G10	E																
G10	F	3250,87297	6950,24318	46218,27271	199526,231	283139,2											
G11	D	153,461698	246,603934	2311,63493	12473,8351	16904,4093	o	o	o	o	o	o	777,891898	1010,61541	2311,63493	5287,5268	6869,407
G11	E	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
G11	F	153,461698	246,603934	2311,63493	12473,8351	16904,4093											
G12	D																
G12	E																
G12	F																
G13	D																
G13	E																
G13	F																
G14	D																
G14	E																
G14	F																

Calculation of final results and confidence intervals carried out only for quantitative results
Calculation of Confidence Intervals according to the distribution of MPN (De Man (1983) for replicats) (Estimation of the standard deviation of log10 (MPN) by Woodward's method (1957) for sample)
Sup CI: superior limit of the confidence interval
Inf CI: inferior limit of the confidence interval
Dispersion of repeated meas.:
Symbol o Normal, compatible with expected dispersion regarding the MPN distribution
* Significantly different from expected dispersion regarding the MPN distribution
** Highly significantly different from expected dispersion regarding the MPN distribution

Matrix G : Composted biowaste - batch 2

prEN 15215-3 : observed results by the participants

			BPLS at 36°C					BPLS at 42°C				
Sample	Replicat	*Salmonella* results	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
G1	D	Presence	>100	pink	-	-	-	>100	pink	-	-	-
G1	E	Presence	>100	pink	-	-	-	>100	pink	-	-	-
G1	F	Presence	>100	pink	API20E	1	1	>100	pink	-	-	-
G2	D	Presence	-	-	-	-	-	P	0	API	2	2
G2	E	Presence	-	-	-	-	-	P	0	API	2	2
G2	F	Presence	-	-	-	-	-	P	0	API	2	2
G3	D	Presence	15	pink	S	1	1	25	pink	S	1	1
G3	E	Presence	15	pink	S	1	1	25	pink	S	1	1
G3	F	Presence	15	pink	S	1	1	25	pink	S	1	1
G4	D	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
G4	E	Presence	Presence	pink or yellow	Biochemical	2	2	Presence	pink	Biochemical	2	2
G4	F	Presence	Presence	pink	Biochemical	2	2	Presence	pink	Biochemical	2	2
G5	D	Presence	presence	pink	Ser	3	3	presence	pink	ser	3	3
G5	E	Presence	presence	pink	ser	3	3	presence	pink	ser	3	3
G5	F	Presence	presence	pink	ser	3	3	presence	pink	ser	3	3
G6	D	Presence	P	pink	serological	2	2	P	pink	serological	2	2
G6	E	Presence	P	pink	serological	2	2	P	pink	serological	2	2
G6	F	Presence	P	pink	serological	2	2	P	pink	serological	2	2
G7	D	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
G7	E	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
G7	F	Presence	P	light pink	serological	3	3	P	light pink	serological	3	3
G8	D	Presence	32	pink	Biochemical	3	3	40	pink	Biochemical	3	3
G8	E	Presence	absence	-	-	-	-	50	pink	Biochemical	3	3
G8	F	Presence	60	pink	Biochemical	3	3	30	pink	Biochemical	3	3
G9	D	Absence	Absence	Pink	Serol and api	2	0	Absence	Pink	Serol and api	2	0
G9	E	Absence	Absence	Pink	Serol and api	2	0	Absence	Pink	Serol and api	2	0
G9	F	Absence	Absence	Pink	Serol and api	2	0	Absence	Pink	Serol and api	2	0
G10	D	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
G10	E	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
G10	F	Presence	P	pink, flat	TSI+serology	3	3	P	pink, flat	TSI+serology	3	3
G11	D	Presence	95	pink	iochemical/serologic	5	5	112	pink	iochemical/serologic	5	5
G11	E	Presence	112	pink	iochemical/serologic	5	4	122	pink	iochemical/serologic	5	4
G11	F	Presence	92	pink	iochemical/serologic	5	3	150	pink	iochemical/serologic	5	3
G12	D	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
G12	E	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
G12	F	Presence	presence	pink	serological	3	3	presence	pink	serological	3	3
G13	D	Presence	Presence	shiny and pink	API20E	1	1	Presence	shiny and pink	API20E	1	1
G13	E	Presence	Presence	moist, pink	API20E	1	1	Presence	moist, pink	API20E	1	1
G13	F	Presence	Presence	moist, pink	API20E	1	1	Presence	moist, pink	API20E	1	1
G14	D	Presence	presence	red	aglutination, serologi	2	2	presence	red	aglutination, serologi	2	2
G14	E	Presence	presence	red	aglutination, serologi	2	2	presence	red	aglutination, serologi	2	2
G14	F	Presence	presence	red	aglutination, serologi	2	2	presence	red	aglutination, serologi	2	2

Matrix G : Composted biowaste - batch 2

prEN 15215-3 : observed results by the participants

		XLD at 36°C					XLD at 42°C				
Sample	Replicat	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies	Presence or Absence (Number of presumptive colonies)	Description of presumptive colonies	Confirmation tests description (Serological/Biochemical)	Number of presumptive colonies tested for confirmation	Number of confirmed Salmonella colonies among the tested colonies
G1	D	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
G1	E	>100	pinkish red	-	-	-	>100	pinkish red	-	-	-
G1	F	>100	pinkish red	API20E	1	1	>100	pinkish red	-	-	-
G2	D	-	-	-	-	-	P	0	API	1	1
G2	E	-	-	-	-	-	P	0	API	1	1
G2	F	-	-	-	-	-	P	0	API	1	1
G3	D	15	pink/yellow	S	1	1	25	pink/yellow	S	1	1
G3	E	15	pink/yellow	S	1	1	25	pink/yellow	S	1	1
G3	F	15	pink/yellow	S	1	1	25	pink/yellow	S	1	1
G4	D	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
G4	E	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
G4	F	Presence	pink or yellow	Biochemical	2	2	Presence	pink or yellow	Biochemical	2	2
G5	D	absence	yellow	ser	3	3	absence	yellow	ser	3	3
G5	E	absence	yellow	ser	3	3	absence	yellow	ser	3	3
G5	F	absence	yellow	ser	3	3	absence	yellow	ser	3	3
G6	D	P	white	serological	2	2	P	white	serological	2	2
G6	E	P	white	serological	2	2	P	white	serological	2	2
G6	F	P	white	serological	2	2	P	white	serological	2	2
G7	D	P	light pink	serological	3	3	P	light pink	serological	3	3
G7	E	P	light pink	serological	3	3	P	light pink	serological	3	3
G7	F	P	light pink	serological	3	3	P	light pink	serological	3	3
G8	D	6	pinkish	Biochemical	3	3	32	pinkish	Biochemical	3	3
G8	E	absence	-	-	-	-	30	pinkish	Biochemical	3	3
G8	F	absence	-	-	-	-	60	pinkish	Biochemical	3	3
G9	D	Absence	Yellow	Serol and api	2	0	Absence	Pink	Serol and api	2	0
G9	E	Absence	Yellow	Serol and api	2	0	Absence	Pink	Serol and api	2	0
G9	F	Absence	Yellow	Serol and api	2	0	Absence	Pink	Serol and api	2	0
G10	D	A	-	-	-	-	P	black colonies	TSI+serology	3	3
G10	E	A	-	-	-	-	P	black colonies	TSI+serology	3	3
G10	F	A	-	-	-	-	P	black colonies	TSI+serology	3	3
G11	D	0	black	-	-	-	0	black	-	-	-
G11	E	0	black	-	-	-	5	black	iochemical/serologic	3	3
G11	F	7	black	iochemical/serologic	3	1	5	black	iochemical/serologic	3	2
G12	D	presence	colourless	serological	3	3	presence	colourless	serological	3	3
G12	E	presence	colourless	serological	3	3	presence	colourless	serological	3	3
G12	F	presence	colourless	serological	3	3	presence	colourless	serological	3	3
G13	D	Presence	ony with a yellow pre	omnivalent serum	1	1	Presence	ony with a yellow pre	omnivalent serum	1	1
G13	E	Presence	ony with a yellow pre	omnivalent serum	1	1	Presence	ony with a yellow pre	omnivalent serum	1	1
G13	F	Presence	ony with a yellow pre	omnivalent serum	1	1	Presence	ony with a yellow pre	omnivalent serum	1	1
G14	D	presence	red	aglutination, serologi	2	2	presence	red	aglutination, serologi	2	2
G14	E	presence	red	aglutination, serologi	2	2	presence	red	aglutination, serologi	2	2
G14	F	presence	red	aglutination, serologi	2	2	presence	red	aglutination, serologi	2	2