Enumeration of total bacterial count in raw milk - FC/BC interlaboratory studies March 2024 - MS 03

		Stain	Enzym	BZ	BCS-Standard		LED Set-Point	Signal-width	Noise level	PMT level	MS 02A			MS 02 B/C			MS 03A			MS 03 B/C			Controlmilk CM I			Controlmilk CM II			Rel.
	instr. No.	Batch-No.	Batch- No.	Batch-No.	% sign.	% Imp.					Imp.	VK% `r	% calc.	Imp.	VK% `r	% calc.	Imp.	VK% `r	% calc.	Imp.	VK% `r	% calc.	Imp.	VK% `r	% mean	Imp.	VK% `r	% mean	MS03B/MS03A
		Microsph	Enzyme	IBC-Std																									
1	FC 155	23090191	23080175	6012290			827	29	6	487	135	3,7	89%	372	3,0	89%	142	5,0	90%	442	4,2	88%	111	4,6	82%	259	3,6	83%	3,11
2	FC 155 - PT	23090191	23080175	6012290			827	29	6	487							141	4,9	89%	437	2,2	87%							3,09
3	FC 9	22020046	23060121	6011100	95%	93%	600	27	5		135	6,6	89%	379	1,7	90%	151	4,0	95%	458	1,2	92%	125	4,6	92%	288	1,9	92%	3,04
4	BC 112/I										178	8,7	95%	494	3,4	96%	194	4,4	100%	619	1,6	101%	169	4,0	94%	370	2,4	118%	3,19
5	FC 81	23050102	23060121	6012289	95%	95%	777	27	6	533	127	5,3	84%	366	3,0	87%	154	4,2	97%	497	1,4	99%	145	3,8	107%	330	4,8	105%	3,23
6	FC 77	23090191	23070149	6013650	103%	102%	699	28	7	603			0%			0%	143	7,9	91%	462	3,8	92%	142	11,0	104%	314	6,0	100%	3,23
7	FC 94	23090191	23080174	6012288	95%	94%	668	27,3	7	564	137	4,4	90%	377	3,7	90%	145	4,1	92%	483	2,7	97%	132	3,0	97%				3,34
8	FC 96	23090191	23080174	6012288	108%	91%	543	31,3	7	605	136	3,4	90%	387	3,2	92%	148	4,4	94%	469	1,3	94%	129	6,0	95%				3,17
9	FC 83	23050102	23030052	60122228	97%	92%	940	25	7	537			0%			0%	146	8,6	92%	463	3,1	93%	117	4,9	86%	284	4,3	90%	3,18
10	FC 83 - PT	23050102	23030052	60122228	97%	92%	940	25	7	537			0%			0%	146	5,2	92%	473	3,3	95%			0%			0%	3,25
11	FC 46			6012275	100%	102%	972	28	6	595			0%			0%	146	5,4	92%	473	2,1	95%	132	4,9	97%	297	2,4	95%	3,24
12	FC 21	23090191	203080175	6012290	93%	100%	755	25	7	632	143	5,2	94%	390	4,3	93%	153	2,4	97%	465	2,9	93%	130	5,9	96%	318	3,1	101%	3,03
13	FC 2	23020044	23110262	6013650	100%	94%	775	25	6	527	143	4,1	94%	402	1,9	96%	149	3,2	94%	466	3,0	93%	125		92%	304		97%	3,12
14	FC 95B	23090191	23020045	6012290	102%	107%	733	28	6	550			0%	"1211,2	1,2	100%	149	4,3	94%	469	3,2	94%			0%			0%	3,15
15	FC 36	23090191	23080174	6012290	95%	98%					145	6,1	96%	401	4,1	96%	144	4,5	91%	484	3,2	97%	134	4,1	99%			0%	3,37
16	FC 152-4	22040107	23030052	6011252	95%	97%	544	23	5	514	138	1,6	91%	396	3,4	94%	159	3,6	101%	470	1,6	94%	119	5,0	87%	279	2,0	89%	2,96
17	FC 47			6012275	95%	102%	713	29	5	600			0%			0%	147	5,1	93%	479	1,4	96%	134	4,1	99%	297	2,3	95%	3,26
18	FC 34	23050102		6013080	100%	96%	718	26	7	552	148	9,1	97%	380	2,2	91%	155	4,4	98%	479	2,6	96%	139	7,5	102%	316	4,2	101%	3,09
19	FC 33	23050102		6013080	100%	93%	611	28	6	502	151	5,3	99%	381	2,8	91%	152	6,2	96%	477	2,8	95%	146	3,8	107%	333	4,3	106%	3,14
20	FC 68	22100252	22090223	6012200		99%					143	3,1	94%	416	4,3	99%	144	6,3	91%	488	4,6	98%	148	3,9	109%			0%	3,39
21	FC 39B	23090191	23020045	6012290	100%	99%	834	29	7	648			0%	"1198,5	1,5	99%	150	2,6	95%						0%			0%	0,00
22	FC 48			6012275	103%	95%	1091	30	6	613			0%			0%	152	5,5	96%	470	4,0	94%	131	4,4	96%	301	3,6	96%	3,09
23	FC 152/2A	23020044	23010004	6010758	95%	101%	712	25	6	533	150	5,5	99%	403	3,2	96%				468	3,3	94%	130	3,6	96%	314	3,5	100%	
24	FC 13	23020044	23080175	6013080	98%	97%	800	27	6	493	145	6,1	95%	413	3,1	99%	149	3,1	94%	483	3,7	97%	130	6,1	96%	309	3,7	98%	3,24
25	FC 152/3A	23020044	23010004	6010758	92%	98%	900	26	6	510	145	3,1	96%	394	2,5	94%				498	4,5	100%	127	3,2	93%	291	5,9	93%	
26	FC 112/I	23110251	23070149	6013952	93%	93%	692		9				0%			0%	151	2,3	96%	487	1,9	97%	130	6,2	96%	305	3,7	97%	3,22
27	FC 112/II	23110251	23070149	6013952	100%	95%	975	28	8	547			0%			0%	154	5,7	97%	482	2,9	96%	133	5,0	98%	319	1,6	102%	3,13
28	FC 152-5	22040107	23030052	6011252	90%	101%	680	25	5	517			0%			0%	157	3,2	100%	473	2,0	95%	"98,2	9,7	72%	"230,4	2,9	71%	3,00
29	FC 5	23020044	23110262	6013650	100%	95%	795	26	7	585	150	3,2	99%	415	2,6	99%	153	5,1	97%	480	2,0	96%	128		94%	306		97%	3,15
30	FC 85	22120297	23050104	6012226	110%	101%	950	30	7	543	156	4,0	103%	433	2,8	103%	148	3,7	94%	457	0,7	91%	133	2,9	98%	319	2,7	102%	3,09
31	FC 120	22120297	22120308	6012108	90%	92%	894	30	10	530	147	5,9	97%	408	1,8	97%	157	9,0	99%	490	2,6	98%	140	6,5	103%	310	3,1	99%	3,12
32	BS 02	23090192	23090207	6010971	100%	103%		28	9		149	3,3	98%	408	2,2	97%	154	3,5	97%	493	2,5	99%	151	4,9	111%	321	2,2	102%	3,20
33	FC 74	22070170	23100229	6013650	103%	96%	800	32	5	548	154	4,4	101%	418	2,8	100%	152	5,5	96%	474	2,9	95%	130	4,3	96%	321	2,9	102%	3,11
34	FC 39	23090191	23020045	6012290	100%	98%	834	27	7	647	152	4,9	100%	416	3,6	99%	153	2,8	97%	489	2,0	98%	133	3,0	98%	316	3,4	101%	3,20
35	FC 131	23090191	23080174	6012288	95%	98%	695	29	9	567	146	3,8	96%	408	3,3	97%	156	4,8	99%	505	1,7	101%	141	2,5	104%			0%	3,23
36	BC 109/II	03724-F-376	03771-2-263	1122C							198	3,4	106%	552	1,4	107%	219	2,5	113%	630	1,5	103%	183	0,7	101%	339	4,6	108%	2,87
37	FC 38-I	23110251	23100229	6013650	105%	97%	870	28	6	529	151	3,1	99%	421	2,7	100%	153	3,1	97%	488	2,4	98%	154	4,4	113%	"492	1,4	152%	3,19
38	FC 38-II	23110251	23100229	6013650	103%	97%	600	27	6	524	153	3,8	101%	418	2,5	100%	155	5,3	98%	480	2,0	96%	155	3,2	114%	"484	2,2	150%	3,10
39	FC 14	23050102	23030052	6012275	93%	91%	838	26	8	550	146	3,7	96%	406	2,8	97%	161	2,8	102%	502	2,9	100%	149	3,9	110%	349	3,2	111%	3,12
40	FC 37	23090191	23080174	6012290	90%	97%					150	4,5	99%	406	3,2	97%	160	4,0	101%	492	2,7	98%	134	4,1	99%			0%	3,07
41	FC 18	23090191	23100229	6011471	88%	94%	707	35	12	686	152	4,2	100%	415	2,7	99%	157	3,3	99%	488	3,4	98%	107	5,8	79%	273	2,9	87%	3,11
42	FC 95	23090191	23020045	6012290	100%	95%	733	29	6	551	145	3,8	95%	427	2,4	102%	155	4,0	98%	501	1,9	100%	120	2,9	88%	315	2,2	100%	3,23
43	FC 4	23020044	23110262	6013650	100%	97%	845	26	6	608	155	4,0	102%	401	3,3	96%	157	4,0	99%	498	2,3	100%	129		95%	313		100%	3,17
44	FC 65	23020044	23080174	6013080	98%	97%	690	29	12	613	153	2,7	100%	419	10,3	100%	154	2,3	98%	499	2,0	100%	133	1,8	98%	311	1,5	99%	3,23

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	instr. No.	Stain Batch-No.	Enzym Batch- No.	BZ Batch-No.	BCS-Standard % sign.	BCS-Standard % Imp.	LED Set-Point	Signal-width	Noise level	PMT level	MS 02A Imp.	MS 02A VK% `r	MS 02A % calc.	MS 02 B/C Imp.	MS 02 B/C VK% `r	MS 02 B/C % calc.	MS 03A Imp.	MS 03A VK% `r	MS 03A % calc.	MS 03 B/C Imp.	MS 03 B/C VK% `r	MS 03 B/C % calc.	Controlmilk CM I Imp.	Controlmilk CM I VK% `r	Controlmilk CM I % mean	Controlmilk CM II Imp.	Controlmilk CM II VK% `r	Controlmilk CM II % mean	Rel. MS03B/MS03A
		Microsph	Enzyme	IBC-Std																									
45	FC 32	23050102	23080175	6011471	95%	93%	749	26	9	635	156	2,1	103%	410	4,9	98%	159	3,4	101%	484	3,4	97%	126	5,6	93%	297	3,2	95%	3,04
46	FC 107	23050102	23050104	6012228	92%	97%		26	6	557	152	3,1	100%	425	2,3	101%	157	2,2	99%	489	1,5	98%	127	7,2	94%	302	3,6	96%	3,11
47	FC 84	22120297	23050104	6012226	108%	101%	958	29	6	545	160	3,4	106%	440	1,6	105%	151	2,1	96%	462	3,0	92%	128	3,5	94%			0%	3,06
48	FC 16	21100266	22060152	6011717	105%	110%	970	29	7	651	151	5,7	100%	419	1,8	100%	162	3,6	102%	492	2,8	98%	137	4,4	101%	329	2,8	105%	3,05
49	FC 35	23050102		6013080	95%	96%	736	25	6	451	155	3,2	102%	402	3,9	96%	161	3,6	102%	509	4,4	102%	142	4,4	104%	345	2,5	110%	3,17
50	FC 90	22070170	23050097	6011497	100%	103%	700	28	7	578	147	4,0	97%	435	1,6	104%	164	5,9	104%	489	3,1	98%	138	4,4	101%	315	1,4	100%	2,99
51	FC 63	23020044	23080174	6013080	108%	98%	842	29	7	643	153	1,4	101%	422	3,0	101%	159	1,9	101%	499	10,9	100%	121	3,9	89%	296	2,8	94%	3,14
52	FC 6	23020044	23110262	6013650	103%	98%	770	27	6	622	151	3,3	99%	434	3,3	103%	156	5,1	99%	500	2,7	100%	139		102%	333		106%	3,20
53	FC 97	22100252	23080175	6012289	95%	109%	962	25	9	513			0%			0%	161	3,1	102%	496	2,2	99%	142	7,2	105%	315	5,3	100%	3,07
54	FC 71	23110251	23060121	6013080			947	28	7	677			0%			0%	158	3,4	100%	509	1,0	102%	144	3,9	106%	338	3,8	108%	
55	FC 30	23110250	23100229	6012288							154	3,0	101%	425	3,3	101%	161	3,7	102%	510	2,7	102%	138	7,3	102%	334	4,4	106%	3,17
56	BC 109/I	03724-F-376	03771-2-263	1122C							201	5,6	108%	576	2,9	112%	223	4,5	115%	653	2,7	106%	189	6,3	105%	358	3,6	114%	2,93
57	FC 19	23110251	23080174	6012226	100%	97%	1200	29	6	578	157	3,7	103%	423	4,1	101%	165	5,1	105%	494	1,6	99%	157	2,8	116%			0%	2,99
58	FC 17	23090191	23030052	6011100	100%	94%	750	28	6	522	155	3,2	102%	435	1,5	104%	160	3,9	101%	505	1,2	101%	150	4,5	110%			0%	3,16
59	FC 73	22070170	23070149	6012288	95%	98%					157	3,4	104%	445	2,0	106%	159	5,3	101%	495	1,4	99%	144	4,6	106%	336	3,7	107%	3,11
60	FC 8	22040107	22040083	6012290	98%	114%	750	25	6	558	158	7,0	104%	448	2,1	107%	157	4,3	100%	499	1,8	100%	144	3,6	106%	338	2,3	108%	3,17
61	FC 11	23020044	23020045	6013071	98%	106%	825	29	7	579	161	3,4	106%	434	2,3	104%	160	4,5	101%	512	5,8	102%	137	4,2	101%	303	3,3	97%	3,21
62	FC 166	22100252	23080175	6012108	93%	91%	536	26	5	504	160	7,1	105%	445	4,0	106%	158	1,9	100%	510	2,1	102%	142	4,9	105%	320	2,7	102%	3,22
63	FC 59	23110251	23100229	6013650	93%	101%	940	26	5	542			0%			0%	165	6,4	105%	518	3,6	104%	138	8,0	102%	314	2,3	100%	3,13
64	FC 40 PT			6013946	108%	116%		32	7				0%			0%	173	1,2	109%	500	0,9	100%			0%			0%	2,90
65	BS 02 old	23090192	23090207	6010971	100%	103%		28	9		"145	2,1	99%	"421	4,1	101%	170	3,1	108%	509	1,0	102%	"1174	0,4	97%			0%	2,99
66	FC 1	22120297	23010004	6012275	100%	97%	815	26	9	580	161	5,0	106%	458	2,4	109%	164	2,7	104%	516	1,6	103%	146	3,5	107%	334	3,7	106%	3,15
67	FC 72	22070170	23070149	6011983	98%	91%	735	28	7	534	165	5,3	109%	452	2,1	108%	168	4,2	106%	516	1,8	103%	162	5,7	119%	383	3,6	122%	3,07
68	BS 147	23090192		6012052	100%	102%		30					0%			0%	165	6,5	104%	541	1,4	108%	147	1,2	108%	314	2,9	100%	
69	FC 40			6013946	108%	116%		32	7				0%			0%	162	2,2	103%	554	2,3	111%			0%			0%	3,41
70	FC 40	22010003	23050104	6011497	93%	111%		26	6	558			0%			0%	168	3,5	106%	539	1,5	108%	148	6,4	109%	348	2,4	111%	3,21
71	FC 40 PT	22010003	23050104	6011497	93%	111%		26	6	558			0%			0%	188	4,1	119%	575	2,1	115%			0%			0%	3,06
72	BS 02-C	23090192	23090207	6010971	100%	103%		28	9				0%			0%			0%	"1127	1,9	99%							
73	FC 41	23090191	23080174	6013067	102%	103%	750	29	9	571			0%			0%			0%			0%	147	3,6	108%	334	2,6	106%	
74	FC 42	23090191	23080174	6013067	98%	90%	733	29	6	565			0%			0%			0%			0%	131	4,8	96%	305	4,1	97%	
75	FC 43	23090191	23080174	6013067	100%	102%	775	31	11	734			0%			0%			0%			0%	148	4,2	109%	339	4,1	108%	
76	FC 44	23090191	23080174	6013067	98%	101%	730	29	6	620			0%			0%			0%			0%	145	4,1	107%	336	4,1	107%	
77	FC 40 C			6013946	108%	116%		32	7				0%			0%			0%	"1212	0,7	107%			0%			0%	
78	FC 40 C	22010003	23050104	6011497	93%	111%		26	6	558			0%			0%			0%	"1319,3	0,7	116%			0%			0%	
79	FC 136	22120297	22120308	6013650	100%	104%	790	28	6	527	"173,57	7,6	114%	"484,9	10,9	116%	"126,1	8,0	80%	"407,78	8,0	82%	149	4,9	110%			0%	
80	FC 152/2B	22020044	23010004	6010758	97%	97%	712	25	5	533			0%			0%			0%	"1182	1,4	104%			0%			0%	
81	FC 152/3B	23020044	23010004	6010758	92%	98%	900	26	6	510			0%			0%			0%	"1107	1,0	98%			0%			0%	
	Mean	BSC-FC			98%	99%	795	28	7	561	149		98%	413		99%	155		98%	489		98%	137			316			
	Median										*151*			*414*			*155*			*489*			*137*			*315*			
	VK(%)'r'										4,4%			3,0%			4,3%			2,5%			4,7%			3,3%			
	s-R										*8,1*			*22,4*			*8,6*			*25,1*			*10,7*			*21,7*			
	VK(%)'R'										5,4%			5,4%			5,5%			5,1%			7,8%			6,9%			
	mean	BC -									192		103%	541		105%	212		109%	634		103%	180			355			
	VK(%)'r'										5,9%			2,6%			3,8%			1,9%			3,7%			3,5%			
	VK(%)'R'										6,4%			7,8%			7,3%			2,7%									

VK(%)`r` : Repeatability (Standard deviation of repeatability/arithm mean *100)
s-R : Standard deviation of reproducibility
VK(%)`R`: Reproducibility (Standard deviation of reproducibility/arithm. mean*100)
KM (CM) : "Controlmilk" (Raw milk; enriched with definite Bacteria cultures)
% signal = deviation to the BCS - Signal Mean Average
% imp. = deviation to the BCS - Standard count average

calc.values	FC-imp		BC-IBC	
MS 02A	152	±10%	187	+/-15%
Rel.02B/02E	2,76	*419*	2,76	*516*
MS 02C	1211	±10%		
MS 03A	158	±10%	194	+/-15%
Rel.03B/03E	3,16	*500*	3,16	*614*
MS 03C	1135	±10%		
,				

G	Germany	EST	Estonia	H	Hungary
A	Austria	Cz	Czechia	Cy	Cyprus
S	Sweden	L	Luxembourg	B	Belgium
Fin	Finland	DK	Denmark	Slo	Slovenia
NL	Netherlands	E	Spain	SK	Slowakia
CH	Switzerland	I	Italy	Hr	Croatia
FR	France	Lv	Lettland	Ro	Romania
UK	United Kingt.	Lt	Litauen	Irl	Ireland
No	Norway	P	Portugal	MK	Macedonia

	instr. No.	Stain Batch-No.	Enzym Batch- No.	BZ Batch-No.	BCS-Standard % sign.	BCS-Standard % Imp.	LED Set-Point	Signal-width	Noise level	PMT level	MS 02A Imp.	MS 02A VK% `r	MS 02A % calc.	MS 02 B/C Imp.	MS 02 B/C VK% `r	MS 02 B/C % calc.	MS 03A Imp.	MS 03A VK% `r	MS 03A % calc.	MS 03 B/C Imp.	MS 03 B/C VK% `r	MS 03 B/C % calc.	Controlmilk CM I Imp.	Controlmilk CM I VK% `r	Controlmilk CM I % mean	Controlmilk CM II Imp.	Controlmilk CM II VK% `r	Controlmilk CM II % mean	Rel. MS03B/MS03A
		Microsph	Enzyme	IBC-Std																									
Staining solution	FC 2100266		n =	1	105%	110%	970	29	7	651	151		100%	419		100%	162		102%	492		98%	137		100%	329		104%	3,1
Staining solution	FC 2210003		n =	3	93%	111%		26	6	558							178		113%	557		113%	148		107%	348		110%	
Staining solution	FC 22020044		n =	1	97%	97%	712	25	5	533	0		0%	0		0%	0		0%	"1182		104%	0		0%	0		0%	3,1
Staining solution	FC 22020046		n =	1	95%	93%	600	27	5	0	135		89%	379		90%	151		95%	458		92%	125		91%	288		91%	3,1
Staining solution	FC 22040107		n =	3	94%	104%	658	24	5	530	148		97%	422		101%	158		100%	481		96%	131		88%	308		89%	3,1
Staining solution	FC 22070170		n =	4	99%	97%	745	29	6	553	156		102%	437		104%	161		102%	493		99%	144		105%	339		107%	
Staining solution	FC 22100252		n =	3	94%	100%	749	26	7	509	152		100%	431		103%	155		98%	498		100%	144		105%	317		100%	3,2
Staining solution	FC 22120297		n =	5	102%	99%	881	29	8	545	156		105%	435		106%	155		94%	481		93%	139		101%	321		101%	3,2
Staining solution	FC 23020044		n =	10	97%	98%	814	27	6	552	150		99%	412		98%	151		96%	482		97%	129		94%	305		96%	3,1
Staining solution	FC 23050102		n =	9	96%	94%	789	26	7	539	148		97%	396		94%	154		98%	486		97%	139		99%	325		100%	3,1
Staining solution	FC 23090191		n =	18	99%	98%	743	29	7	585	144		79%	402		96%	150		95%	477		95%	135		82%	315		89%	3,2
Staining solution	FC 23090192		n =	4	100%	103%		29	9		149		98%	408		99%	163		103%	514		102%	149		105%	317		100%	2,8
Staining solution	FC 23110250		n =	1	88%	101%					154		101%	425		101%	161		102%	510		102%	138		100%	334		105%	3,1
Staining solution	FC 23110251		n =	7	99%	98%	889	28	7	566	154		101%	421		100%	157		100%	494		99%	145		105%	319		117%	3,3
Enzym-Charge	FC22040083		n =	1	98%	114%	750	25	6	558	158		104%	448		107%	157		100%	499		100%	144		105%	338		107%	3,2
Enzym-Charge	FC22060152		n =	1	105%	110%	970	29	7	651	151		100%	419		100%	162		102%	492		98%	137		100%	329		104%	3,0
Enzym-Charge	FC22090223		n =	1	0%	99%					143		94%	416		99%	144		91%	488		98%	148		108%				3,4
Enzym-Charge	FC22120308		n =	2	95%	98%	842	29	8	529	147		105%	408		107%	157		90%	490		90%	145		105%	310		98%	3,1
Enzym-Charge	FC23010004		n =	5	95%	98%	808	26	6	533	152		100%	418		100%	164		104%	494		100%	134		98%	313		99%	3,1
Enzym-Charge	FC23020045		n =	5	100%	101%	792	28	7	595	153		60%	426		101%	153		97%	493		99%	130		57%	311		98%	2,6
Enzym-Charge	FC23030052		n =	6	95%	94%	782	25	6	530	146		96%	412		98%	155		98%	481		96%	139		92%	314		89%	3,1
Enzym-Charge	FC23050097		n =	1	100%	103%	700	28	7	578	147		97%	435		104%	164		104%	489		98%	138		100%	315		99%	3,0
Enzym-Charge	FC23050104		n =	6	98%	106%	954	27	6	553	156		103%	433		103%	162		103%	504		103%	134		97%	323		102%	3,1
Enzym-Charge	FC23060121		n =	3	98%	97%	775	27	6	605	131		86%	372		89%	154		98%	488		98%	138		101%	319		101%	3,2
Enzym-Charge	FC23070149		n =	5	98%	96%	775	28	8	561	161		106%	448		107%	155		98%	488		98%	142		104%	331		105%	3,2
Enzym-Charge	FC23080174		n =	10	98%	97%	762	29	8	601	145		96%	400		96%	153		97%	488		98%	140		102%	329		104%	3,2
Enzym-Charge	FC23080175		n =	7	95%	98%	779	27	7	536	148		97%	406		97%	152		96%	474		95%	130		81%	303		82%	3,1
Enzym-Charge	FC23090207		n =	3	100%	103%		28	9		149		98%	408		99%	162		103%	501		100%	151		103%	321		101%	3,1
Enzym-Charge	FC23100220		n =	1	0%	92%		28			0		0%	0		0%	137		87%	432		86%	113		82%	271		86%	3,2
Enzym-Charge	FC23100229		n =	5	98%	99%	803	28	6	536	153		101%	420		100%	157		100%	494		99%	143		104%	323		122%	3,1
Enzym-Charge	FC23110262		n =	4	101%	96%	796	26	6	586	150		99%	413		99%	154		97%	486		97%	130		95%	314		99%	3,2
BZ-Charge	FC6010758		n =	4	94%	98%	806	26	6	522	148		97%	399		95%				483		99%	129		94%	303		96%	
BZ-Charge	FC6010971		n =	3	100%	103%		28	9		149		98%	408		99%	162		103%	501		100%	151		104%	321		102%	3,1
BZ-Charge	FC6011100		n =	2	98%	93%	675	28	6	522	145		95%	407		97%	155		98%	481		96%	138		100%	288		91%	3,1
BZ-Charge	FC6011252		n =	2	93%	99%	612	24	5	516	138		91%	396		94%	158		100%	472		94%	119		79%	279		80%	3,0
BZ-Charge	FC6011471		n =	1	95%	93%	749	26	9	635	156		103%	410		98%	159		101%	484		97%	126		92%	297		94%	3,0
BZ-Charge	FC6011497		n =	4	95%	109%	700	27	6	563	147		97%	435		104%	173		110%	534		109%	143		104%	331		105%	3,1
BZ-Charge	FC6011717		n =	1	105%	110%	970	29	7	651	151		100%	419		100%	162		102%	492		98%	137		100%	329		104%	3,0
BZ-Charge	FC6011983		n =	1	98%	91%	735	28	7	534	165		109%	452		108%	168		106%	516		103%	162		118%	383		121%	3,1
BZ-Charge	FC6012052		n =	1	100%	102%	0	30	0	0	0		0%	0		0%	165		104%	541		108%	147		107%	314		99%	0,0
BZ-Charge	FC6012108		n =	2	91%	91%	715	28	8	517	154		101%	427		102%	158		100%	500		100%	141		103%	315		100%	3,2
BZ-Charge	FC6012200		n =	1	0%	99%	0	0	0	0	143		94%	416		99%	144		91%	488		98%	148		108%	0		0%	3,4
BZ-Charge	FC6012226		n =	3	106%	100%	1036	29	6	555	158		104%	432		103%	155		98%	471		94%	139		102%	319		101%	3,0
BZ-Charge	FC6012275		n =	5	98%	97%	886	28	7	588	154		101%	432		103%	154		97%	488		98%	138		101%	316		100%	3,2
BZ-Charge	FC6012288		n =	5	96%	96%	635	29	8	579	146		96%	409		97%	154		97%	492		98%	137		100%	335		106%	3,2
BZ-Charge	FC6012289		n =	2	95%	102%	870	26	8	523	127		84%	366		87%	158		100%	497		99%	144		105%	323		102%	3,2
BZ-Charge	FC6012290		n =	10	97%	101%	787	28	6	570	147		75%	408		98%	150		95%	475		95%	129		66%	309		81%	2,8
BZ-Charge	FC6013067		n =	4	99%	99%	747	30	8	623													143		104%	329		104%	
BZ-Charge	FC6013071		n =	1	98%	106%	825	29	7	579	161		106%	434		104%	160		101%	512		102%	137		100%	303		96%	3,2
BZ-Charge	FC6013080		n =	5	99%	97%	762	27	6	535	150		98%	394		94%	155		98%	491		98%	140		102%	328		104%	3,2
BZ-Charge	FC6013650		n =	10	101%	98%	788	27	6	562	151		101%	416		101%	154		96%	485		96%	139		101%	315		111%	3,2
BZ-Charge	FC6013946		n =	3	108%	116%		32	7								168		106%	527		106%							3,2
BZ-Charge	FC6013952		n =	2	96%	94%	834	28	9	547							153		97%	485		97%	132		96%	312		99%	3,2
BZ-Charge	FC6014198		n =	1	0%	92%	0	28	0	0	0		0%	0		0%	137		87%	432		86%	113		83%	271		86%	3,2
BZ-Charge	FC6012228		n =	2	97%	92%	940	25	7	537							146		92%	468		94%	117		85%	284		90%	3,2