

平成27年度 第3回 生乳検査外部精度管理調査(成分)zスコア

番号	zスコア	試料1					試料2					試料3				
		脂肪	たんぱく	乳糖	TMS	SNF	脂肪	たんぱく	乳糖	TMS	SNF	脂肪	たんぱく	乳糖	TMS	SNF
		標準値(%)	4.05	3.54	4.51	13.08	9.03	3.99	3.43	4.49	12.90	8.91	3.54	3.28	4.49	12.31
	標準偏差	0.027	0.029	0.026	0.047	0.047	0.027	0.022	0.023	0.038	0.035	0.029	0.025	0.022	0.047	0.046
1	CF6500	-0.370	-1.379	-0.769	-0.851	-0.638	0.000	-0.909	-1.304	-1.053	-1.143	0.690	-0.400	-0.909	-0.213	-0.652
2	CFFT+	-0.370	-0.345	0.769	-86.383	85.532	0.000	0.000	0.435	-105.526	113.143	1.034	0.000	0.455	-76.383	76.957
3	FT120	0.370			-0.213	-0.213	-0.741			0.000	0.571	-0.345			1.277	1.522
4	CF6400	-0.370	0.690	-0.769	0.213	0.426	0.000	0.000	-1.304	-0.526	-0.571	0.690	-1.600	-0.909	-1.064	-1.522
5	CFFT+	0.370	-0.345	0.385	0.213	0.000	0.370	0.000	0.000	0.000	-0.286	0.345	0.000	0.000	-0.851	-1.087
6	FT120	0.000	-0.690	1.538	0.000	0.000	-0.741	-0.455	0.870	-1.053	-0.571	-0.345	0.400	1.818	-0.213	0.000
7	CF6400	0.000	-0.345	1.154	0.638	0.638	0.000	-0.455	0.000	-0.263	-0.286	0.690	0.000	0.455	0.000	-0.435
8	CF6400	-0.370	-0.690	-0.769	-0.638	-0.426	0.000	-0.455	-0.870	-0.526	-0.571	1.034	-0.400	-0.455	0.213	-0.435
9	FT120	0.741	-0.690	0.385	0.638	0.213	0.370	-0.455	-0.870	0.000	-0.286	0.345	0.400	0.000	0.426	0.217
10	FT1	0.000			-1.277	-1.277	0.741			-0.526	-1.143	-1.379			-1.277	-0.435
11	ラクトスコープ	1.481	-0.345	0.385	1.064	0.213	0.741	0.000	0.000	0.263	-0.286	-2.069	-0.400	0.000	-2.553	-1.304
12	CFFT+	-0.741	-0.345	0.769	-0.426	0.000	-1.111	-0.455	0.870	-0.789	0.000	0.000	0.000	0.455	-0.851	-0.870
13	FT1	0.370				0.851	1.111				1.143	-1.034				-1.522
14	FT6000	0.000	-0.690	-0.385	-0.213	-0.213	0.370	0.000	-0.870	0.000	-0.286	1.034	0.000	-0.455	0.426	-0.217
15	FT2	-0.741	-1.379	1.154	0.000	0.213	0.000	-0.909	0.870	0.526	0.571	0.345	1.600	3.636	2.340	2.391
16	FT120	1.111			1.277	1.064	1.852				1.842	1.143	1.379		1.277	0.652
17	FT120	1.111	1.034	-2.308	1.702	0.851	1.111	1.364	-0.435	0.789	0.571	0.690	1.200	-1.364	1.277	0.652
18	CF5200	0.370	2.069	-0.385	1.702	1.489	0.000	0.000	1.304	0.000	0.286	0.690	0.400	0.909	0.000	-0.217
19	FT6300UWF	-0.370	0.000	0.000	0.213	0.426	0.000	0.455	-0.870	0.263	0.286	0.690	0.800	0.000	0.851	0.435
20	CFFT+	-1.111	-0.690	-0.385	-0.851	-0.213	-0.741	-0.455	-0.870	-1.053	-0.571	0.690	-0.400	-0.455	0.000	-0.435
21	CFFT+	-0.741	-0.690	-0.769	-0.638	-0.213	-0.370	0.000	-1.304	-0.789	-0.571	0.000	0.000	-0.909	-0.426	-0.435
22	FT120	1.481			1.489	0.638	1.111			1.053	0.286	0.345			0.000	0.000
23	FT120	-1.852	0.690	0.000	-0.638	0.426	-1.481	0.455	-0.435	-1.053	0.000	1.034	-0.400	0.000	0.426	-0.217
24	FT1	-0.370			-0.638	-0.426	-0.370			0.000	0.571	-1.724			0.638	1.522
25	FT1	0.370	0.345	2.308	-0.213	-0.426	0.370	0.909	0.870	1.842	1.429	0.000	0.400	1.364	0.851	0.652
26	FT120	0.370			0.000	-0.213	0.741			0.789	0.286	0.000			0.213	0.217
27	FT1	-0.741			-0.638	-0.213	0.741			0.263	-0.286	0.345			0.851	0.870
28	S50	-0.741			-1.489	-1.064	-0.741			-1.053	-0.571	0.345			0.426	0.217
29	FT120	0.741			0.213	-0.213	1.111			1.316	0.286	-0.690			0.000	0.435
30	FT120	1.481			1.915	1.064	1.111			1.579	0.571	0.345			0.638	0.652
31	FT120	0.741	-0.690	0.769	0.213	0.426	1.111	-0.455	0.870	-0.263	0.571	0.345	0.800	1.364	0.638	0.217
32	FT120	0.000			0.638	0.426	0.741			1.053	0.857	0.345			0.426	0.217
33	FT120	0.741	1.034	-1.154	0.638	0.851	1.481	0.455	-0.435	1.579	0.857	0.000	0.000	-0.455	0.638	0.435
34	FT120	1.852	0.000	0.385	0.851	0.426	1.852	0.000	0.435	0.526	-0.286	1.034	1.600	1.818	1.915	0.870
35	Minor	-0.370			2.340	-0.638	-0.370			0.789	-0.571	0.690			-1.702	0.217
36	Minor	-0.370	0.000	-0.769	0.000	0.000	-0.370	-0.909	-1.304	-1.316	-1.143	1.379	-1.600	-0.909	-0.426	-1.304
37	DairySpecFT	2.222	0.690	1.154	0.638	-0.851	1.481	1.364	0.870	-0.526	-1.429	-0.345	0.800	1.364	-1.064	-0.870
38	FT120	0.000			0.213	2.222				-0.286	2.069					-0.217
39	FT120	0.370	0.690	1.538	1.064	0.851	-0.370	0.455	0.870	-0.263	0.000	0.000	0.000	1.364	0.000	0.000
40	Mars	0.000	0.000		-0.426	-0.213	0.370	0.455		0.263	0.000	0.345	0.000		0.000	-0.217
41	Bentley150	1.481			0.213	-0.638	447.778			-0.526	-1.429	1.379			-2.979	-4.130
42	FT1	1.852	-0.345	1.154	1.915	0.851	1.852	0.000	1.304	2.368	1.143	1.034	0.400	1.364	1.489	0.870
43	FT1	0.370	0.000	0.385	-2.340	-0.851	0.000	0.455	-0.435	-0.526	0.857	-0.345	0.000	-0.455	-1.064	-1.304
44	FT120	-1.111	-0.345	-0.769	-0.851	-0.213	-1.852	0.000	-0.870	-1.579	-0.286	-1.379	0.800	0.000	-0.213	0.652
45	ペントレイ150	-2.222	-2.759	-3.462	-5.106	-3.830	-1.481	-1.818	-3.043	-4.737	-4.000	-1.724	-2.000	-2.727	-5.319	-4.348
46	FT2	-0.370	0.000	0.000	-0.213	0.638	0.370	0.455	-0.870	-0.526	0.571	-0.345	0.400	0.000	-0.213	0.435
47	CF5200	5.556	1.379	1.154	5.106	1.915	5.926	2.273	0.870	6.316	2.286	5.517	2.000	1.364	5.106	1.739
48	FT120	0.741	-0.690		0.426	0.000	0.370	-0.455		0.000	-0.286	0.690	0.800		0.638	0.217
49	FT2	-1.481	-0.690	0.769	-0.638	0.000	-0.370	-0.455	0.000	-0.526	0.857	-1.379	-0.400	-0.455	-0.213	1.304
50	FT120	0.000	0.000	-1.538	-0.213	-0.213	1.481	-0.909	0.870	-1.579	-2.857	0.690	0.000	0.455	-0.851	-1.304
51	FT120	3.333			0.213	-1.702	2.963			-0.263	-2.571	3.103			0.213	-1.739
52	S50	1.111	-0.345		0.426	-0.213	1.111	1.818		1.053	0.571	1.034	2.800		1.064	0.435
53	FT2	-1.111	-0.690	0.385	-0.638	-0.638	-0.370	-0.455	-0.435	-0.526	0.000	-1.379	0.800	-0.455	-0.213	0.217
54	FT2	0.370	0.345	-1.154	-0.426	-0.213	0.741	0.455	-1.739	1.053	0.286	-0.690	0.000	-0.909	0.426	0.000
55	FT120	1.111	0.690	0.769	-0.426	-1.064	0.370	0.455	1.304	-1.053	-1.429	-0.690	0.400	1.364	0.000	0.435
56	FT120	1.852	-0.690	0.000	1.277	-0.638	1.481	-0.909	0.000	1.053	-1.143	1.379	-0.400	0.455	1.489	-0.870
57	FT120	0.370	0.345	1.538	0.851	1.064	-0.370	0.909	0.870	-0.263	0.571	-0.345	1.200	1.364	0.638	0.652
58	S50	0.741	0.000		-0.851	0.000	0.000	0.909		-0.526	0.286	0.345	-0.800		-0.213	-1.087
59	ラクトスコープFIR	-0.370	1.034	0.769	-0.426	0.426	-0.370	1.364	0.870	-0.263	0.571	0.345	-0.800	0.909	-0.213	0.000

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番号	zスコア	試料1					試料2					試料3				
		脂肪	タンパク	乳糖	TMS	SNF	脂肪	タンパク	乳糖	TMS	SNF	脂肪	タンパク	乳糖	TMS	SNF
		標準値(%)	4.05	3.54	4.51	13.08	9.03	3.99	3.43	4.49	12.90	8.91	3.54	3.28	4.49	12.31
	標準偏差	0.027	0.029	0.026	0.047	0.047	0.027	0.022	0.023	0.038	0.035	0.029	0.025	0.022	0.047	0.046
60	FT6000	0.000	-0.690	0.385	-0.851	-0.851	0.370	0.455	0.435	-0.263	-0.857	1.724	0.800	0.909	0.213	-0.652
61	G・TMSC	-1.852			0.638	1.702	-1.481			0.000	1.143	-1.379			1.277	2.174
62	FT2	0.741	0.000	1.538	-0.426	-0.638	1.111	0.000	0.000	0.000	-0.571	0.000	-0.800	0.455	0.000	-1.522
63	FT1	-0.370	-1.379	1.154	-1.702	-1.277	0.370	-0.909	-0.435	-0.263	-0.857	-0.690	-1.200	-0.455	-0.426	-2.174
64	Minor	-1.481	-1.724	0.000	0.426	-1.702	-0.741	-0.909	1.304	-0.526	-1.143	2.414	2.000	0.909	-0.638	0.652
65	FT120	0.370	0.345	-2.308	0.426	0.213	0.000	0.455	-2.174	-0.263	-0.286	-1.034	0.800	-1.818	-0.851	-0.217
66	FT120	1.481			0.213	-0.638	1.111			0.263	-0.857	0.345			0.851	0.652
67	FT120	-0.741	-0.345	-0.385	-0.426	0.000	0.000	-0.455	-0.435	-0.263	-0.286	-0.690	-1.200	0.455	-0.851	-0.435
68	FT2	1.111	0.345	0.769	0.851	1.064	1.852	0.455	-0.870	0.789	1.143	0.000	-0.400	0.000	0.426	0.435
69	Minor	0.741	3.103	0.769	1.064	1.702	0.000	4.091	0.000	1.316	1.429	1.379	-1.200	0.455	1.064	-0.435
70	FT120	0.370	-4.483	-5.000	-1.064	-1.702	0.741	-5.000	-5.217	1.053	-1.143	1.034	-4.800	-5.455	1.277	-1.522
71	FT120	0.370			-0.426	-0.638	-0.370			-0.526	-0.286	-1.034			0.426	1.087
72	FT120	0.741	-1.379	0.000	-0.213	-0.638	0.370	-1.818	-0.435	-0.526	-1.143	0.690	-1.200	0.000	0.213	-0.217
73	FT2	-1.111	-1.034	-0.769	-0.213	-1.064	-0.370	-0.909	-1.739	0.263	-0.286	-0.690	0.400	-2.273	0.638	0.435
74	FT120	0.370	0.000	0.769	-0.638	-0.638	-0.370	0.000	1.304	-1.053	-0.857	-1.034	-0.400	1.364	-0.638	-0.217
75	S50	-8.148	-5.172	-1.923	-7.872	-3.191	-10.370	-2.273	-2.609	-9.737	-2.857	-7.241	1.600	-2.273	-4.894	-0.435
76	S50	-0.741	0.000		-0.426	0.000	-0.741	1.364		0.263	0.857	-0.345	1.600		2.128	2.391
77	G・SS	0.000			-0.426	-0.426	-1.481			0.263	1.429	-0.690			0.638	1.087
78	FT120	0.370	-0.345	1.154	1.064	0.851	0.000	0.000	0.870	0.789	0.857	-1.034	0.800	1.364	1.277	1.957
79	FT1	-0.741	0.690		-1.489	-1.064	-0.741	0.909		0.263	0.571	-1.034	0.400		0.000	0.652
80	FT120	0.000			0.000	0.000	0.370			-0.526	-0.857	0.345			0.851	0.652
81	FT120	2.222	-2.069	1.538	0.426	-0.851	1.111	-1.818	0.435	-1.053	-2.000	0.690	-0.400	0.455	-0.638	-1.087
82	FT120	0.370	-1.034	-0.769	0.213	0.000	0.000	-1.364	-1.739	-0.526	-0.571	0.000	0.000	-0.909	0.213	0.000
83	S50	-1.481	-2.069		-1.915	-1.277	-1.481	-0.909		-1.842	-0.857	0.690	-0.400		-0.426	-0.870
84	FT2	0.370	-1.034	-0.769	-1.277	-0.851	0.741	-0.909	-1.304	-1.316	-1.429	0.345	-0.800	-0.909	-1.064	-1.087
85	S50	0.370	0.345	0.385	-0.426	-0.638	0.370	1.364	0.435	0.000	0.000	1.379	0.800	0.000	1.489	0.652
86	FT120	-0.741	-0.345	0.385	0.638	1.064	-1.481	0.455	0.435	0.789	2.000	-1.034	1.200	1.364	1.277	2.174
87	ラクトスコープFTIR	0.370	-0.690		1.064	0.851	-0.370	0.000		0.263	0.571	-1.379	-0.400		-2.340	-1.522
88	S50	0.741	0.690	-0.385	0.851	0.426	1.111	2.727	-0.870	1.579	0.857	1.034	2.800	0.000	2.128	1.522
89	FT1	-0.370	0.345	0.385	-1.915	-0.851	-0.370	0.909	-0.435	0.263	0.000	0.000	0.800	-0.455	-0.426	-1.304
90	FT120	0.370	0.690	0.000	-0.638	0.638	0.000	0.000	0.870	-0.526	0.571	0.345	-0.400	0.455	0.426	0.000
91	FT120	-0.370	1.034	0.385	0.213	0.426	1.111	1.364	-0.870	0.263	-0.571	0.690	0.400	0.455	0.638	0.217
92	ラクトスコープ	0.000	2.759	-0.769	1.915	1.915	-0.370	2.273	-0.435	1.053	1.429	-0.690	-2.800	-0.455	-2.128	-1.739
93	FT120	0.741	-0.690	0.000	-0.213	-0.426	0.370	-0.455	0.000	-0.526	-0.857	-0.345	0.800	0.455	-0.426	-0.217
94	G・SS	1.111			-2.128	-2.766	0.370			-1.053	-1.429	-0.690			-0.638	0.000
95	S50	0.741	-4.138	-1.538	-2.553	-2.979	0.370	-2.273	-1.304	-1.579	-2.000	1.379	1.200	-0.909	1.064	0.217
96	S50	-0.741	-1.034		-1.064	-0.638	-1.111	0.455		-0.789	0.000	-1.034	0.400		-1.064	-0.217
97	FT2	-1.481	-0.690	1.154	-0.426	-0.851	-0.370	-0.455	0.435	-0.526	-0.571	-0.690	0.400	0.455	-0.426	-0.217
98	-															
99	G・SS	-3.704			1.064	3.191	-3.333			1.053	3.714	-1.379			-0.213	0.652
100	G・TMSC	-2.222			0.000	1.277	-2.222			-0.263	1.429	-2.759			0.426	2.174
101	-															
102	-															
103	-															
104	G・SS	-0.741			-1.915	-1.489	-0.370			-1.316	-1.143	-0.345			-1.064	-1.087

記号説明

- G ゲルベル法
- 常 常圧乾燥法
- SS スマートシステム
- TMSC TMSチェッカー
- K ケルダール法