

平成27年度 第2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(%)	3.85	3.34	4.54	12.68	8.83	3.80	3.21	4.56	12.53	8.73	3.56	3.14	4.53	12.19
	標準偏差	0.024	0.021	0.047	0.044	0.033	0.023	0.017	0.048	0.040	0.032	0.030	0.020	0.050	0.044	0.031
1	CF6500	-0.417	0.000	-1.064	-0.227	0.000	-0.435	0.588	-1.042	-0.250	0.000	0.333	0.000	-1.200	-0.227	-0.323
2	CFFT+	0.000	0.000	1.064	-0.909	-0.909	0.435	0.000	0.833	-1.000	-0.938	0.667	-0.500	0.800	-0.227	-0.645
3	FT120	2.083			-0.227	-1.818	1.304			-0.500	-1.250	1.000			0.000	-0.645
4	CF6400	0.000	0.000	-1.064	0.000	0.000	0.435	-0.588	-1.250	-0.750	-1.250	0.667	-2.000	-1.600	-1.364	-1.935
5	CFFT+	0.833	0.000	0.000	0.000	-0.606	1.304	0.000	0.208	0.000	-0.625	1.000	0.000	0.000	0.000	-0.645
6	FT120	-2.083	-0.952	1.064	-1.364	-0.303	-1.304	0.000	1.250	-1.000	-0.312	-0.333	-0.500	1.200	-0.682	-0.323
7	CF6400	0.000	0.000	-0.426	-0.682	-0.909	0.000	0.000	-0.417	-0.750	-0.938	0.667	-0.500	-0.400	-0.227	-0.645
8	CF6400	-0.417	-0.476	-1.064	-0.455	-0.303	0.000	0.000	-1.042	-0.500	-0.625	0.667	-0.500	-1.000	0.000	-0.323
9	FT120	0.000	0.000	-0.851	0.455	0.606	0.435	0.588	-0.625	0.250	0.000	0.000	0.500	-0.800	-0.227	0.000
10	FT1	1.667			5.227	5.758	0.870			5.500	6.250	0.000			4.545	6.774
11	ラクトスコープ	1.667	0.952	1.277	1.818	1.212	1.739	2.353	1.458	2.250	1.562	1.000	1.000	1.200	0.682	0.645
12	CFFT+	-0.417	-0.476	1.064	-0.909	-0.909	-0.435	-0.588	1.042	-1.000	-0.938	0.000	-0.500	1.000	-0.909	-1.290
13	FT1	0.417				0.909	-1.304				-1.563	-1.000				-1.935
14	FT6000	0.417	-0.476	-0.851	0.227	0.000	0.870	0.000	-0.833	0.500	0.000	1.000	-0.500	-1.000	0.227	-0.323
15	FT2	-0.833	0.952	1.702	0.227	0.909	-0.435	0.000	0.833	-0.250	0.312	-0.333	0.500	1.400	-0.227	0.323
16	FT120	0.833			0.227	-0.303	0.870			0.750	0.312	0.667			0.682	0.645
17	FT120	0.417	0.476	0.638	0.455	0.909	0.435	0.000	0.417	0.500	0.312	0.000	-1.000	0.800	0.909	0.323
18	CF5200	0.417	-0.476	0.638	-0.227	-0.606	0.870	-0.588	0.625	-0.500	-1.250	0.667	-1.000	0.600	-0.455	-0.968
19	FT6300UWF	0.000	0.000	-1.064	0.000	0.000	0.435	0.000	-1.042	0.000	-0.312	0.667	0.000	-1.000	0.227	0.000
20	CFFT+	0.000	-0.952	-0.638	0.000	0.000	0.435	-1.176	-0.833	-0.250	-0.625	0.667	-1.000	-0.800	0.000	-0.323
21	CFFT+	0.417	-0.952	-0.851	-0.227	-0.606	0.435	-1.176	-0.833	-0.250	-0.625	0.667	-1.000	-0.800	0.000	-0.323
22	FT120	-0.833			-0.682	-0.303	-0.435			-0.500	-0.312	-0.333			-1.591	-1.613
23	FT120	0.417	-1.429	-0.851	0.455	0.303	2.174	-1.176	-0.417	1.000	-0.625	3.000	-2.000	-0.800	0.909	-1.290
24	FT1	0.417			-0.227	-0.303	-0.870			0.000	0.625	-0.333			0.455	1.290
25	FT1	-0.417	0.476	0.851	1.136	1.515	-0.435	0.000	0.833	1.500	2.188	0.333	0.000	0.800	1.136	1.935
26	FT120	-0.833			-0.909	-0.606	-1.304			-0.750	0.000	-0.667			-0.682	0.000
27	FT1	-0.417			2.045	3.030	-1.304			-1.500	-0.938	-0.333			-1.136	-0.968
28	S50	-2.917			-2.045	-0.606	-2.609			-1.500	-0.312	-1.667			-1.136	0.323
29	FT120	0.833			1.591	1.515	0.870			1.500	1.562	0.000			1.364	2.258
30	FT120	-0.417			-0.227	0.303	0.000			0.000	0.312	0.333			0.000	0.323
31	FT120	0.417	0.000	1.277	0.227	0.000	0.435	0.588	1.250	0.500	0.312	0.333	0.500	1.400	0.682	0.645
32	FT120	-0.417	0.000	0.426	-0.227	0.000	-0.435	0.000	0.208	-0.500	-0.312	-0.667	-1.000	0.600	-0.455	0.323
33	FT120	0.000	0.952	0.638	-0.227	0.606	0.000	0.000	0.625	0.250	0.937	0.333	-1.000	0.800	0.682	-0.323
34	FT120	0.000	0.476	1.277	0.682	1.212	1.304	1.765	1.042	1.500	0.937	1.000	1.500	1.200	1.818	1.613
35	Minor	-2.500			2.727	-1.212	-0.870			2.750	-0.625	-0.667			-0.455	0.323
36	Minor	-2.500	-0.952	-1.489	-2.273	-1.212	-1.304	-0.588	-1.250	-1.250	-0.938	-1.000	-1.000	-1.200	-1.364	-0.968
37	DairySpecFT	-0.417	0.000	1.064	-0.227	0.000	-1.304	0.588	1.458	-1.000	-0.312	-1.333	0.500	1.400	-1.136	0.000
38	FT120	-0.833				-0.303	-0.435				0.000	-1.000				-0.323
39	FT120	-0.417	0.952	1.277	0.909	1.515	0.000	0.588	1.042	0.750	0.937	-0.333	-0.500	1.200	0.455	1.290
40	FT120	-0.417	-0.476	-1.277	-0.227	0.000	0.000	-0.588	-1.250	-0.250	-0.312	0.333	-0.500	-1.400	-0.682	-0.968
41	S50	-1.667	-1.429		-2.273	-1.818	-0.870	-0.588		-2.250	-1.875	-1.333	-1.000		-2.727	-1.935
42	FT1	0.417	-2.857	0.213	0.227	0.000	0.870	-1.765	0.417	1.250	0.937	1.000	-2.500	0.200	0.682	0.323
43	FT1	0.000	-0.476	-1.277	0.909	-0.909	0.000	-1.176	-1.458	1.000	-1.250	0.333	-1.000	-1.200	0.909	-0.968
44	FT120	-1.250	0.000	-1.064	-0.455	0.303	-0.435	0.000	-1.042	-0.500	-0.312	0.000	0.500	-1.000	0.000	0.323
45	ペントレイ150	-2.500	4.286	0.000	1.591	3.636	-3.043	5.294	0.833	2.000	4.688	-3.000	4.000	1.200	1.364	5.161
46	FT2	0.417	0.476	0.638	-0.227	-0.303	-1.304	0.000	0.208	-0.750	0.000	-0.333	0.500	0.800	0.000	0.000
47	CF5200	1.250	-0.952	-0.851	0.455	-0.303	1.304	0.000	-0.625	1.000	0.312	1.667	-0.500	-0.600	0.909	0.323
48	FT120	1.250	-0.952		0.000	-0.909	2.174	0.000		0.750	-0.312	2.333	0.000		1.136	-0.645
49	FT2	0.833	1.429	1.064	-0.227	1.515	0.435	0.588	0.417	-0.250	1.250	0.667	1.000	0.800	-0.455	0.645
50	FT120	0.000	0.476	0.426	-0.455	-0.606	0.870	0.000	0.208	0.000	-0.312	-0.333	0.000	0.800	0.682	1.613
51	FT120	0.417			-0.227	-0.606	0.435			0.750	0.312	1.000			0.682	0.323
52	S50	0.417	0.000		0.227	0.000	1.304	2.353		1.500	0.937	1.333	1.500		0.909	0.645
53	FT2	0.000	-0.952	-1.702	1.136	0.606	-0.435	-2.353	-2.083	1.250	0.312	-0.333	-1.500	-1.800	1.364	0.323
54	FT2	1.250	2.857	-0.426	2.045	2.424	0.435	1.765	-1.250	1.500	1.562	-0.667	1.500	-0.600	1.818	1.935
55	FT120	-1.667	-0.476	0.000	-1.364	-0.606	-0.870	-1.176	0.000	-1.000	-0.625	-1.333	-2.000	0.200	-0.682	0.645
56	FT120	-1.250	0.952	1.064	-1.364	0.606	0.435	0.588	1.458	-0.500	0.625	-1.333	0.000	1.400	-1.364	0.323
57	FT120	-0.417	0.000	1.277	0.000	0.303	0.435	0.588	1.458	0.250	0.312	0.667	0.000	1.000	0.227	-0.323
58	S50	-0.833	1.429		0.000	0.606	-0.435	1.765		0.750	1.250	-0.667	-0.500		0.682	1.613
59	ラクトスコープFIR	0.000	0.476	0.851	0.227	0.606	0.435	0.000	0.625	0.000	0.000	0.667	-1.000	0.800	0.227	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(%)	3.85	3.34	4.54	12.68	8.83	3.80	3.21	4.56	12.53	8.73	3.56	3.14	4.53	12.19
	標準偏差	0.024	0.021	0.047	0.044	0.033	0.023	0.017	0.048	0.040	0.032	0.030	0.020	0.050	0.044	0.031
60	FT6000	0.000	0.476	-0.426	-0.455	-0.606	0.435	0.588	-0.417	-0.250	-0.625	0.667	0.500	-0.400	-0.227	-0.645
61	G・TMSC	0.000			-1.136	-1.515	0.000			-1.250	-1.563	-0.333			-0.227	0.323
62	FT2	0.000	0.476	1.064	-0.682	0.606	-0.435	-0.588	0.417	-1.000	0.312	-0.333	-0.500	0.600	0.227	-0.323
63	FT1	-0.833	0.476	-0.213	-0.227	-1.212	-1.304	0.000	-0.625	0.000	-1.563	-1.000	0.000	-0.200	0.455	-1.613
64	Minor	-2.500	-1.429	0.638	-2.045	-1.515	0.435	0.000	0.625	-1.250	-0.625	1.667	1.000	0.800	-2.273	0.323
65	FT120	0.417	0.000	-1.489	1.364	1.515	0.870	0.000	-0.833	1.250	0.937	0.333	-1.000	-1.400	-0.455	-0.645
66	FT120	-0.417			0.455	1.212	0.000			1.000	1.250	0.000			1.136	1.935
67	FT120	0.000	0.000	0.851	2.045	2.727	-0.435	-1.176	0.417	0.500	0.937	-0.667	-2.000	0.800	0.455	1.613
68	FT2	1.667	1.429	0.638	0.909	0.303	0.435	1.176	0.208	0.750	0.625	0.667	1.000	0.200	0.455	0.000
69	Minor	-1.250	-0.476	-1.702	-0.909	-0.606	0.000	0.000	-1.875	-0.750	-0.938	0.000	0.000	-1.600	-2.045	-1.613
70	FT120	-0.417	0.000	0.213	0.682	0.606	-0.870	0.000	0.417	0.500	0.312	-0.667	-0.500	0.400	0.227	-0.645
71	FT120	-1.250			-0.682	0.000	-0.435			-0.250	0.000	-1.333			-0.227	1.290
72	FT120	-0.417	-0.476	-1.489	-0.909	-0.909	0.000	0.588	-1.250	-0.250	-0.312	0.000	0.500	-1.000	-0.227	0.000
73	FT2	0.417	0.476	1.277	0.682	1.212	0.435	-1.765	0.208	1.000	0.312	0.333	0.000	0.600	0.455	0.645
74	FT120	0.833	1.429	1.277	0.909	0.606	0.435	2.353	1.667	1.000	1.250	1.333	1.000	1.600	0.909	0.323
75	S50	-3.750	-2.857	-1.702	-2.955	-1.212	-2.609	-1.765	-1.667	-1.500	0.000	-1.667	-2.500	-1.400	-1.136	0.323
76	S50	-0.833	2.381		-0.682	-0.303	-0.435	3.529		0.000	0.312	-0.333	2.000		0.227	0.968
77	G・SS	0.833			-0.227	-0.909	0.870			0.500	0.000	1.333			0.455	-0.323
78	FT120	0.417	0.952	-0.213	-0.455	-0.909	0.870	2.353	-0.208	-0.250	-0.938	0.667	1.500	0.000	0.000	0.000
79	FT1	-0.417	0.952		1.591	2.424	-0.435	1.176		2.000	3.125	-0.333	1.000		2.045	3.548
80	FT120	0.000			-0.455	-0.606	0.435			0.250	0.000	0.333			0.227	0.323
81	FT120	-1.250	-0.476	0.638	-1.136	-0.606	-0.435	0.000	0.625	-1.250	-1.250	-0.667	0.000	0.800	-0.909	-0.323
82	FT120	-2.083	-0.476	-1.277	-1.364	-0.303	-2.609	0.588	-1.042	-1.750	-0.312	-0.667	0.000	-1.000	-0.909	0.000
83	S50	-1.250	-0.476		-1.591	-1.212	0.000	0.588		-0.750	-0.938	0.667	0.000		-0.682	-1.290
84	FT2	1.250	-0.476	-0.638	0.227	0.000	1.304	-0.588	-1.042	0.500	0.000	1.667	-0.500	-0.600	0.455	0.000
85	S50	-1.667	1.429	0.851	-0.455	0.303	0.000	1.765	1.042	0.750	0.937	0.000	0.000	1.000	0.909	1.613
86	FT120	-0.833	0.000	-1.064	-0.682	-0.303	-0.435	0.000	-1.042	-0.250	0.000	1.000	0.000	-1.000	0.227	0.000
87	ラクトスコープFTIR	-1.250	-0.476		-0.455	0.303	-1.304	0.000		-1.000	-0.312	-2.667	-0.500		-2.500	-0.645
88	S50	-0.417	0.000	-0.638	0.455	0.909	0.000	1.176	-0.625	1.250	1.562	0.667	0.500	-0.600	1.136	1.290
89	FT1	1.250	-0.476	-0.851	0.000	-0.303	1.304	0.000	-1.042	0.750	0.000	2.333	1.500	0.000	1.591	0.323
90	FT120	-0.417	0.000	0.426	-0.682	-0.606	0.000	0.000	0.625	-0.250	-0.625	-0.333	-1.500	0.800	-0.455	0.323
91	FT120	0.000	0.000	1.064	0.000	0.000	0.435	-0.588	1.042	0.000	-0.312	0.000	-1.500	1.000	-0.227	0.323
92	ラクトスコープ	-0.417	0.952	-1.277	0.227	0.606	-0.435	0.000	-1.042	0.000	0.312	21.667	-2.000	-1.000	-1.591	-1.290
93	FT120	0.000	0.000	1.277	0.227	0.303	0.870	1.176	1.458	1.000	0.625	1.000	0.500	1.400	0.455	0.323
94	G・SS	0.833			1.591	1.515	0.870			0.000	-0.625	2.000			0.682	-0.645
95	S50	-0.417	-2.381	-0.638	-0.909	-0.909	2.174	1.176	-0.417	2.250	1.250	0.667	1.500	-0.400	1.591	1.935
96	S50	-1.250	1.429		-0.227	1.212	-1.304	1.176		0.000	0.625	-0.667	-0.500		0.455	-0.323
97	FT2	0.000	0.952	1.064	-0.227	1.212	0.000	0.000	1.042	0.000	0.937	0.667	0.500	1.200	-0.227	-0.323
98	-															
99	-															
100	-															
101	S50	-0.833			-0.682	0.000	0.000			0.250	0.312	-0.333			0.000	0.323
102	FT6000	0.000	0.952	1.277	0.000	0.000	0.870	0.588	1.458	1.250	0.937	1.667	-0.500	1.400	2.045	1.613
103	G・K・常	0.833	1.905		0.455	0.000	-2.174	1.176		1.500	3.437	1.333	1.000		1.136	0.645
104	G・SS	1.250			-1.364	-2.727	1.304			-2.000	-3.438	-1.333			-2.273	-1.290

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