

平成28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(%)	3.96	3.45	4.41	12.81	8.84	3.92	3.37	4.48	12.75	8.83	3.82	3.29	4.48	12.57
	標準偏差	0.025	0.017	0.026	0.032	0.031	0.026	0.018	0.020	0.035	0.029	0.025	0.013	0.023	0.033	0.034
1	CF6500	-0.400	0.588	-1.538	-0.938	-0.323	-0.385	0.000	-2.000	-0.571	-0.345	-0.400	0.000	-1.739	-0.606	-0.294
2	CFFT+	0.400	0.588	0.385	-0.625	-0.645	0.000	0.556	0.500	-0.571	-0.690	0.000	0.769	0.870	0.000	-0.294
3	FT120	0.000			0.312	0.645	-0.769			0.000	1.034	-0.800			0.303	1.176
4	CF6400	0.000	0.588	-1.923	-0.625	-0.645	-0.385	-0.556	-2.500	-1.429	-1.379	-0.400	-1.538	-2.174	-1.515	-1.176
5	CFFT+	1.200	0.588	0.000	-0.312	-0.968	0.385	0.000	0.500	-0.286	-0.690	0.400	-0.769	0.870	-0.303	-0.588
6	CF6400	0.000	0.000	0.000	-0.938	-0.968	-0.385	0.000	0.000	-0.857	-0.690	-0.400	0.000	0.435	-0.909	-0.588
7	FT120	0.000	-0.588	0.769	-0.625	-0.323	-0.385	-0.556	1.000	-0.857	-0.690	-0.400	-0.769	1.304	-0.909	-0.588
8	FT120	0.800	0.000	-0.769	0.625	0.323	0.769	0.556	-1.000	0.286	-0.345	0.400	-0.769	-0.435	0.000	-0.294
9	FT1	0.800			-0.938	-1.290	0.769			-0.286	-1.034	0.000			-1.212	-1.176
10	LactoscopeFilter	0.400	0.588	-0.385	-0.312	-0.323	0.000	0.556	0.000	-0.286	-0.690	0.400	0.000	0.435	-0.303	-0.588
11	CFFT+	-0.400	0.000	-0.385	-1.875	-1.290	-0.385	0.000	0.000	-1.143	-1.034	-0.800	-0.769	0.435	-1.515	-0.882
12	FT1	-0.800				-0.323	-0.769				0.345	-0.800				0.588
13	FT6000	-0.400	0.000	0.000	-0.312	0.323	-0.769	-0.556	0.000	-0.286	0.345	-1.200	-0.769	0.435	-0.303	0.588
14	FT2	0.000	0.588	2.692	0.312	1.613	-0.385	0.000	-0.500	-0.571	0.000	-0.400	0.000	-0.435	-1.212	-0.294
15	FT120	-0.800			-0.312	-0.323	0.385			0.571	-0.345	-0.400			0.000	0.000
16	FT120	1.200	1.176	0.385	-0.312	-0.645	0.769	0.556	-1.000	-0.286	-0.690	0.400	-0.769	-0.435	-0.606	-0.588
17	CF6200	0.800	0.588	-0.385	0.000	-0.323	0.000	0.556	0.000	-0.286	-0.345	0.000	0.769	0.435	-0.303	-0.294
18	FT6300UWF	0.400	0.588	-1.538	-0.312	-0.645	0.000	0.000	-2.500	-0.857	-1.034	0.000	0.000	-1.739	-0.606	-0.588
19	CFFT+	0.000	0.000	-0.385	0.000	0.323	-0.385	-0.556	-0.500	-0.286	0.000	-0.400	-0.769	-0.435	0.000	0.294
20	CFFT+	0.000	0.000	-0.385	-0.312	0.000	-0.385	0.000	-0.500	-0.286	0.000	-0.800	0.000	0.000	0.000	0.588
21	FT120	-0.400			-1.250	-0.645	-0.385			-1.143	-1.034	-0.400			-1.212	-0.882
22	FT1	-0.400	-1.176	2.308	-2.188	-1.613	-0.769	-1.111	1.500	-1.714	-1.379	-0.400	0.000	0.870	-2.121	-1.765
23	FT1	-0.800			-0.625	0.323	-0.385			-0.286	0.000	-1.200			-0.303	0.588
24	FT1	0.800	-0.588	0.769	1.250	0.968	0.769	-0.556	0.500	2.000	1.379	0.400	0.000	0.870	1.212	0.882
25	FT120	1.200			-0.938	-1.613	1.538			-0.286	-1.724	0.800			-0.606	-1.176
26	FT1	-0.800			0.000	0.968	-0.385			0.000	0.345	-0.800			0.000	0.588
27	S50	-1.200			-0.312	0.968	-0.769			0.286	1.034	-1.200			0.000	1.176
28	FT120	1.600			0.000	-0.645	1.154			0.286	-0.690	0.000			-0.303	-0.294
29	FT120	0.800			0.312	0.323	0.385			0.286	0.000	0.400			0.303	-0.294
30	FT120	0.400	0.000	0.000	0.000	-0.645	0.385	0.556	0.500	-0.571	-0.690	0.400	1.538	0.000	-0.606	-0.588
31	FT120	0.400			0.625	0.323	0.769			0.286	-0.345	0.800			0.303	-0.294
32	FT120	1.200	1.765	1.538	1.875	0.323	0.769	1.111	1.500	1.143	0.345	0.800	0.769	1.304	0.909	0.000
33	FT120	0.400	0.000	0.769	-0.625	-0.323	0.000	0.000	0.500	-0.571	-0.690	0.400	0.000	0.000	-0.303	-0.588
34	Minor	0.000			0.000	-0.645	0.769			0.000	-1.034	0.400			-0.606	-0.588
35	Minor	0.000	0.588	-1.538	-0.312	0.000	-0.385	1.111	-2.000	-0.286	0.000	0.400	0.769	-2.174	-0.303	-0.588
36	DairySpecFT	0.400	2.353	0.385	-0.625	-0.645	0.385	1.667	1.000	0.000	-0.345	0.400	0.769	1.304	0.909	0.294
37	FT120	0.400				0.645	0.000				-1.034	0.000				-0.882
38	FT120	0.000	0.588	0.385	-0.312	0.323	-0.385	-1.111	-0.500	-1.714	-1.724	0.000	-0.769	0.000	-1.818	-1.471
39	Mars	0.000	-0.588		-0.938	-1.935	-0.385	-0.556		-0.571	-1.034	0.800	0.769		0.000	-0.294
40	Bentley150	0.800			0.000	-0.323	0.385			1.429	1.724	-0.400			2.121	2.353
41	FT1	0.800	-0.588	0.385	0.937	0.645	0.769	-0.556	0.500	1.143	0.690	0.400	-1.538	0.435	0.606	0.294
42	FT1	2.800	-0.588	0.769	0.937	-1.613	1.538	-1.111	0.000	0.571	-1.379	2.000	-1.538	0.870	0.606	-0.588
43	FT120	0.800	-0.588	-1.154	0.312	-0.323	0.385	0.000	-1.500	-0.286	-0.690	0.400	-0.769	-0.870	-0.303	-0.588
44	Bentley150	-1.200	-1.765	-1.923	-4.688	-3.871	0.385	1.111	1.000	1.429	1.379	0.000	0.769	1.304	1.515	1.471
45	FT2	0.000	0.000	0.769	-0.312	-0.323	-0.385	-0.556	1.000	-0.571	0.345	-0.800	-0.769	1.304	-0.909	0.000
46	CF5200	2.000	2.353	-0.769	2.500	1.290	1.923	1.667	-1.000	2.571	1.034	1.600	1.538	-0.435	2.121	0.882
47	FT120	1.200	0.000		0.937	0.000	1.154	0.556		0.571	-0.345	1.600	0.769		0.909	-0.294
48	FT2	0.800	0.000	1.154	0.937	1.613	0.000	0.000	1.000	0.857	1.034	0.000	0.769	1.304	1.212	0.882
49	FT1	0.400	1.176	0.385	0.312	0.323	0.385	1.111	1.000	0.571	0.345	0.000	0.000	0.870	0.000	-0.294
50	FT120	0.400			0.625	0.323	0.769			0.571	0.000	0.800			0.303	-0.294
51	S50	1.600	-1.176		0.000	-0.968	1.154	0.556		0.571	0.000	0.800	0.769		0.000	0.000
52	CF6400	-0.400	-0.588	-1.538	-1.563	-0.968	0.000	-1.111	-2.500	-1.429	-1.379	0.000	-1.538	-1.739	-1.212	-1.176
53	FT2	0.000	-0.588	-2.308	-0.625	-0.323	0.000	-1.111	-3.500	-0.857	-1.034	0.000	-0.769	-2.174	-1.212	-0.882
54	FT2	0.800	0.588	-1.154	0.000	-0.323	0.769	0.556	-1.500	0.286	-0.345	0.800	0.769	-0.870	0.000	-0.588
55	FT120	-0.400	2.353	0.385	0.000	0.645	-0.769	0.556	-0.500	-0.286	0.345	-0.800	-0.769	-0.435	-0.303	0.588
56	FT120	0.400	-0.588	-0.385	0.312	0.323	0.385	-0.556	0.500	0.571	0.690	0.400	-0.769	0.870	0.909	0.588
57	FT120	-0.400	0.588	0.000	-0.312	-0.323	0.000	0.556	0.000	-0.286	-0.690	0.000	0.769	0.000	-0.303	-0.588
58	LactoscopeFTIR	0.800	0.588	0.385	-2.188	-0.968	0.000	0.556	0.000	-1.143	-0.690	-0.400	0.000	0.435	-0.606	-0.294
59	FT6000	0.400	-0.588	0.385	-0.938	-0.968	0.000	-1.111	0.000	-0.857	-1.034	-0.400	-1.538	0.435	-1.212	-0.882

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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(%)	3.96	3.45	4.41	12.81	8.84	3.92	3.37	4.48	12.75	8.83	3.82	3.29	4.48	12.57
	標準偏差	0.025	0.017	0.026	0.032	0.031	0.026	0.018	0.020	0.035	0.029	0.025	0.013	0.023	0.033	0.034
60	G・TMSC	-2.400			-0.625	1.613	-0.769			-1.714	-1.379	-0.800			-0.606	0.000
61	FT2	0.800	1.765	0.769	-1.250	-0.323	-0.769	1.667	1.000	-1.429	0.000	-1.200	2.308	1.739	0.000	-0.294
62	FT1	-1.200	-1.765	0.385	-0.938	0.000	-1.538	-1.667	0.000	-0.286	1.034	-1.200	-1.538	0.435	-0.303	1.176
63	MInor	3.600	-3.529	1.154	2.500	-2.258	2.692	-2.222	0.000	1.429	-2.069	2.800	-0.769	0.000	-0.606	-0.882
64	FT120	0.800	1.176	-0.385	1.250	-8.387	0.385	1.667	-0.500	1.429	1.379	0.800	0.769	-0.870	0.909	0.294
65	FT120	-0.800			0.000	0.968	-0.385			0.000	0.345	-0.400			0.303	0.294
66	FT120	0.400	0.000	0.769	-1.563	-0.968	-0.385	0.000	0.000	-1.429	0.345	-0.800	0.000	0.000	-0.606	-0.882
67	FT2	2.400	0.588	0.000	0.625	0.000	0.769	0.556	-1.000	-0.286	-0.690	0.000	1.538	0.000	-0.303	-0.294
68	Minor	2.000	2.353	0.769	1.875	0.645	1.538	2.222	-0.500	1.714	0.690	1.600	0.000	-0.435	0.303	-0.882
69	FT120	-0.400	-1.176	-0.385	-1.250	-1.613	-0.769	-0.556	0.000	-1.714	-1.379	-0.800	-0.769	-0.435	-1.818	-2.353
70	FT120	0.000			0.312	0.645	-0.385			0.000	0.690	-1.200			-0.303	0.000
71	FT120	0.400	0.588	-2.692	-0.938	-0.968	0.000	0.000	-1.500	-1.143	-1.379	0.000	-1.538	-1.739	-1.515	-1.471
72	FT120	-1.200	0.588	0.000	-0.938	0.645	-1.154	0.556	0.500	-0.286	0.690	-0.400	0.000	1.304	0.909	1.176
73	Mars	0.000	1.765	0.385	-0.312	0.000	0.000	2.222	-1.500	0.000	0.000	0.800	2.308	-0.870	0.606	0.000
74	S50	0.000	-0.588		0.312	0.645	-0.769	-0.556		0.286	1.034	-0.400	-0.769		0.909	1.176
75	G・SS	-1.600			-0.312	1.290	-1.538			0.571	1.724	-0.800			0.303	0.882
76	FT1	-0.800	-1.176	0.000	0.000	0.968	-1.154	-1.667	-0.500	0.286	1.379	-1.200	-1.538	0.000	-0.606	0.294
77	FT1	-2.000	-4.118		-0.312	1.613	-1.923	-4.444		0.000	2.069	-2.400	-3.846		0.303	2.059
78	FT120	-0.400			-0.938	-0.323	-0.769			-0.857	-0.345	-0.800			-1.212	-0.588
79	FT120	-2.000	0.000	0.769	0.937	2.903	-2.692	-0.556	1.000	0.286	2.759	-4.400	-0.769	1.304	-0.606	2.647
80	FT120	0.000	-1.765	0.385	0.937	1.290	0.000	-1.667	1.000	0.571	0.690	-0.400	-1.538	0.870	0.606	0.882
81	S50	1.200	-0.588		1.875	1.290	1.154	0.556		2.857	2.414	1.600	0.000		3.030	1.765
82	FT2	0.800	-0.588	0.000	0.312	0.645	0.000	0.000	0.500	0.000	0.000	-0.400	0.000	0.435	0.606	0.294
83	S50	1.200	2.353	0.000	0.000	-0.645	0.385	2.222	0.500	0.286	0.000	0.400	1.538	0.870	0.606	0.294
84	LactoscopeFTIR	0.400	0.000		0.000	0.000	0.385	0.556		0.571	0.345	-0.400	1.538		0.909	1.176
85	S50	2.000	1.176	0.385	2.188	0.968	1.154	1.667	1.500	2.571	2.069	1.600	0.769	1.739	3.333	2.059
86	FT1	-0.800	1.176	1.538	-1.250	0.000	-0.769	0.556	-1.000	-0.286	0.690	-0.800	1.538	-0.870	-0.303	0.588
87	FT120	0.800	0.000	1.154	-0.625	-0.968	0.000	-0.556	0.500	-1.143	-1.379	-0.400	-1.538	0.435	-1.818	-1.176
88	FT120	0.800	0.588	-0.769	0.937	0.323	0.000	0.556	-1.000	0.000	0.000	0.400	0.000	-0.435	0.303	0.000
89	LactoscopeFilter	-2.800				-2.258	-3.077				-2.414	-3.200				-3.235
90	FT120	0.800	1.176	0.385	0.937	0.645	0.769	1.111	0.500	0.571	0.345	0.400	0.769	0.435	0.303	0.000
91	G・SS	-2.400			-0.938	1.290	-2.692			-1.714	0.345	-2.800			-2.424	-0.294
92	FT1	-0.800	1.176	0.000	0.000	-0.323	-0.385	0.000	-0.500	0.571	0.690	-0.400	0.769	0.000	0.000	0.588
93	S50	0.800	-0.588		0.312	-1.290	-0.769	0.000		-0.286	-0.690	-1.600	-0.769		-0.909	-0.882
94	FT2	0.400	-1.765	0.385	0.625	1.613	0.385	-1.667	1.000	1.143	0.345	0.400	-1.538	1.304	0.606	0.000
95	—															
96	G・SS	-0.400			0.000	0.645	-2.692			-1.714	0.345	-2.800			0.606	2.647
97	G・Bentley150	-1.600			-2.813	-1.290	-0.385			-0.571	0.000	-0.400			0.000	0.294
98	Minor	0.400			1.250	0.968	-0.769			-0.857	-1.034	-0.800			-0.303	0.000
99	—															
100	—															
101	—															
102	—															
103	G・常	-0.400			0.000	0.645	-0.769			-0.571	0.000	-2.400			-2.727	-0.882
104	FT120	0.800	0.588	-0.385	-0.312	-0.645	0.000	1.111	0.500	0.000	0.000	0.400	0.000	0.870	0.000	-0.294
105	G・常	0.400			2.188	2.258	-0.769			2.286	3.448	0.800			2.727	2.059
106	G	-1.600					-3.077					-1.200				

記号説明

- G ゲルベル法
- SS スマートシステム
- 常 常圧乾燥法