

平成27年度 第4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(%)	4.10	3.44	4.54	13.06	8.96	4.15	3.37	4.55	13.05	8.90	3.95	3.34	4.54	12.81
標準偏差	0.023	0.018	0.031	0.046	0.033	0.026	0.019	0.034	0.046	0.033	0.022	0.019	0.032	0.044	0.034	
1	CF6500	0.000	-1.111	-0.323	0.000	0.000	0.000	-0.526	-0.294	0.000	0.000	0.000	-0.526	-0.312	0.227	0.294
2	CFFT+	0.435	-0.556	0.968	-0.652	-0.606	0.385	-0.526	0.882	-0.652	-0.303	0.909	-0.526	0.938	0.000	0.000
3	FT120	-6.522			-3.043	0.303	-6.154			-3.696	-0.303	-7.273			-2.955	0.882
4	CF6400	0.435	0.000	-1.290	-0.217	-0.606	0.000	0.000	-1.176	-0.435	-0.606	0.455	0.000	-1.250	-0.227	-0.588
5	CFFT+	1.304	-1.111	0.645	0.000	-0.909	1.154	-0.526	0.882	0.217	-0.606	1.364	-0.526	0.938	0.227	-0.588
6	FT120	-0.870	-0.556	0.968	-0.435	0.000	-1.154	0.000	1.176	-0.652	0.000	-0.909	0.000	0.938	-0.455	0.000
7	CF6400	0.435	-1.111	1.290	-0.217	-0.606	0.385	-1.053	1.176	0.000	-0.303	0.000	-0.526	0.938	-0.227	-0.294
8	CF6400	0.000	-1.111	-1.290	-0.870	-1.212	-0.385	-1.053	-1.176	-1.087	-1.212	-0.455	-1.053	-1.250	-0.909	-0.882
9	FT120	0.870	0.000	-0.968	0.435	0.000	0.385	0.526	-0.882	0.435	0.303	0.000	0.000	-0.938	-0.227	-0.294
10	FT1	0.000			-0.217	-0.303	-0.769			-0.217	0.303	-0.909			-0.455	0.294
11	ラクトスコープ	0.870	0.556	1.613	1.304	1.212	0.000	0.526	1.765	0.870	1.212	0.455	0.526	1.562	0.909	0.882
12	CFFT+	0.000	-1.111	0.645	-0.652	-0.909	0.000	-0.526	0.882	-0.435	-0.606	0.000	-1.053	0.625	-0.455	-0.588
13	FT1	-0.435				3.030	-0.385				0.909	-0.909				1.765
14	FT6000	0.000	-1.667	-0.645	-0.652	-0.909	0.000	-1.579	-0.588	-0.652	-0.909	0.000	-1.053	-0.625	-0.455	-0.588
15	FT2	0.870	-1.111	-0.323	0.652	-0.606	-0.385	-1.579	-0.294	0.652	-0.303	-0.455	-0.526	0.312	0.455	-1.176
16	FT120	0.000			-1.304	-1.818	0.000			-1.087	-1.212	-0.455			-1.364	-1.471
17	FT120	0.435	0.556	0.323	0.652	0.606	-0.385	1.053	0.294	0.435	0.606	0.455	0.526	0.312	0.000	-0.588
18	CF6200	-1.304	0.000	0.968	-1.304	-0.909	-0.385	0.000	0.882	-0.652	-0.606	0.000	0.000	0.625	-0.227	-0.588
19	FT6300UWF	0.000	-0.556	-1.290	-0.652	-0.909	-0.385	-0.526	-0.882	-0.652	-0.606	0.000	-0.526	-1.250	-0.682	-0.882
20	CFFT+	0.000	-0.556	-0.645	-0.217	-0.303	-0.385	-0.526	-0.588	-0.435	-0.303	0.455	0.000	-0.625	0.227	0.000
21	CFFT+	-1.739	17.778	-0.968	-1.304	-0.606	-0.769	0.000	-0.882	-0.652	-0.303	-0.909	0.000	-0.938	-0.682	-0.294
22	FT120	0.435			1.522	2.121	1.538			2.391	2.121	0.909			1.591	1.471
23	FT120	-0.870	0.000	-1.935	-0.870	-0.606	-0.385	0.000	-1.765	-0.652	-0.606	0.455	-0.526	-1.875	-0.455	-0.882
24	FT1	0.000			-0.435	-0.606	-0.769			-0.870	-0.606	-0.909			-0.455	0.000
25	FT1	-0.870	0.556	-0.323	-0.652	-0.303	-2.308	1.053	0.000	-1.739	-0.606	-1.364	1.053	-0.312	-1.591	-1.176
26	FT120	-0.435			-0.652	-0.606	-0.385			-1.087	-1.212	0.455			-0.909	-1.471
27	FT1	-0.870			0.217	0.909	0.000			0.000	0.000	0.455			0.000	-0.294
28	S50	-0.435			-1.304	-1.515	-0.769			-1.087	-0.909	-0.909			-0.909	-0.588
29	FT120	1.304			-0.217	-0.909	0.385			-0.435	-0.909	0.909			-0.227	-0.882
30	FT120	0.000			0.435	0.909	0.000			0.217	0.606	-0.455			0.455	0.588
31	FT120	0.435	-0.556	1.290	-0.217	0.000	0.000	-0.526	1.471	-0.217	0.000	0.000	-0.526	1.250	-0.227	-0.294
32	FT120	0.435			0.435	0.000	0.000			0.000	0.000	0.000			-0.227	-0.294
33	FT120	0.000	0.000	0.000	-0.870	0.000	-0.385	0.000	0.294	-0.652	0.303	0.000	0.000	0.312	-0.455	0.000
34	FT120	0.000	-0.556	0.323	-0.870	-0.303	-0.385	0.000	0.588	-0.435	0.303	0.000	0.526	0.938	0.000	0.294
35	Minor	0.870			3.261	-2.121	1.154			1.739	-3.030	1.818			2.500	-1.176
36	Minor	0.435	2.222	-1.290	0.652	0.606	1.154	2.105	-1.176	0.870	0.303	0.000	1.053	-1.562	0.000	0.000
37	DairySpecFT	0.870	0.556	0.645	0.870	0.606	0.385	-0.526	0.588	0.217	0.000	1.364	0.526	0.625	1.136	0.588
38	FT120	2.174				-0.606	2.308				-0.606	3.182				-0.882
39	FT120	0.435	-0.556	0.645	-0.217	-0.606	0.385	0.000	0.588	0.000	-0.303	0.455	-0.526	0.625	0.000	-0.294
40	Mars	-0.870	-0.556		-89.565	123.030	-0.769	0.000		-90.870	124.242	0.455	0.526		-90.227	115.882
41	Bentley150	0.435			0.870	0.909	-0.385			0.652	1.212	0.455			1.136	1.471
42	FT1	0.000	-1.111	0.645	0.435	0.606	0.000	-1.053	0.882	0.652	0.909	0.000	-1.579	0.625	0.227	0.294
43	FT1	2.609	-0.556	-1.290	1.957	-0.303	1.538	0.000	-1.176	1.739	-1.212	2.273	-0.526	-0.938	1.364	-0.882
44	FT120	0.435	0.000	-0.645	-0.217	-0.606	0.385	0.000	-0.588	-0.435	-0.909	0.455	0.526	-1.250	-0.455	-0.882
45	ペントレイ150	0.870	-2.222	-0.323	-0.652	-1.818	1.154	-1.579	1.176	0.652	0.000	1.818	-1.053	1.250	1.364	0.294
46	FT2	0.870	1.111	0.645	0.435	0.606	0.000	0.000	-0.294	-0.652	0.303	0.000	1.053	0.938	-0.227	-0.294
47	CF5200	1.739	-0.556	0.000	1.087	0.303	1.154	-0.526	0.000	0.870	0.303	1.818	0.000	0.000	1.364	0.588
48	FT120	-0.870	-1.111		-1.522	-1.515	-1.154	-0.526		-1.739	-1.212	-0.455	0.000		-1.136	-1.176
49	FT2	0.435	1.111	1.290	0.435	1.212	0.000	1.053	0.882	0.217	1.212	0.000	1.579	1.562	0.000	0.294
50	FT120	1.739	0.556	0.645	0.870	0.000	1.154	1.053	0.882	1.522	1.515	1.364	0.526	0.625	0.909	0.294
51	FT120	-0.435			-0.217	0.000	-0.385			0.000	0.303	0.455			0.227	0.000
52	S50	1.304	0.556		0.652	0.606	1.154	0.526		0.435	0.303	1.364	0.526		0.455	0.294
53	不明	0.000	-0.556	-1.613	0.000	-0.303	-0.385	-1.053	-1.471	0.000	0.000	0.000	-0.526	-1.250	0.227	-0.588
54	FT2	0.435	0.000	-1.613	-1.739	-2.727	0.385	-1.053	-1.176	-1.304	-2.121	0.455	0.000	-0.938	-1.136	-1.765
55	FT120	-1.304	-1.667	0.323	-2.174	-2.121	-1.923	-2.105	0.882	-2.391	-1.818	-1.818	-2.632	0.625	-2.273	-1.765
56	FT120	0.435	0.556	0.645	-0.217	0.000	0.385	1.053	1.176	0.217	0.606	0.909	1.053	0.938	0.455	0.294
57	FT120	1.304	0.000	0.968	0.217	0.000	1.154	0.000	0.882	0.217	0.000	0.909	0.526	0.938	0.227	-0.294
58	S50	-0.870	0.556		-0.435	0.606	-1.154	-1.579		-0.870	-0.303	-1.364	-2.105		-1.136	-0.882
59	ラクトスコープFIR	-0.870	0.000	0.323	-1.087	0.909	-1.154	0.000	0.294	-1.087	1.212	-1.364	0.526	0.312	-0.227	1.176

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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(%)	4.10	3.44	4.54	13.06	8.96	4.15	3.37	4.55	13.05	8.90	3.95	3.34	4.54	12.81	8.86
標準偏差	0.023	0.018	0.031	0.046	0.033	0.026	0.019	0.034	0.046	0.033	0.022	0.019	0.032	0.044	0.034		
60	FT6000	0.000	0.000	0.968	0.217	0.303	0.000	0.000	0.882	0.000	0.303	0.000	0.526	0.938	0.455	0.588	
61	G・TMSC	-2.174			-0.217	1.212	-1.923				0.217	1.818	-4.545			0.000	2.941
62	FT2	2.174	0.556	-0.645	-1.304	-0.909	1.538	-0.526	-0.882	-1.739	-0.606	1.818	1.053	-0.312	-1.136	-1.176	
63	FT1	0.000	0.556	1.290	0.217	0.909	-0.769	0.000	1.176	0.000	0.606	-0.455	0.526	1.250	0.000	0.882	
64	Minor	-0.870	-1.111	0.323	1.522	-1.212	-0.385	-0.526	0.294	1.087	-0.909	0.455	0.526	0.312	0.909	0.000	
65	FT120	-0.870	-1.111	-1.290	-0.870	-0.606	-0.385	-1.053	-0.588	-0.435	-0.303	-0.455	-0.526	-0.625	-0.227	0.000	
66	FT120	0.000			-0.435	-0.606	0.385			0.000	-0.303	0.455			0.227	0.000	
67	FT120	-0.870	-1.667	0.000	-0.652	-0.303	-0.769	-1.579	-0.294	-0.870	-0.606	-0.909	-1.053	-0.312	-0.909	-0.294	
68	FT2	1.739	0.000	0.323	1.087	0.303	1.154	-0.526	0.294	0.652	0.000	0.455	0.526	0.938	0.909	0.000	
69	Minor	1.739	5.556	-0.645	1.739	2.727	2.692	4.211	0.000	2.391	2.727	2.273	3.684	-0.312	2.500	2.059	
70	FT120	-0.870	-1.111	-2.258	-0.217	-0.303	-1.154	-1.579	-1.765	-1.304	-1.212	-1.364	-1.053	-2.188	-1.364	-1.765	
71	FT120	0.000			-0.217	-0.303	-0.769			-0.435	0.000	0.000			-0.455	-0.588	
72	FT120	-1.304	-0.556	-1.613	-1.087	-0.909	-0.769	-0.526	-1.471	-0.652	-0.303	-0.455	-1.053	-1.250	-0.682	-0.588	
73	FT2	0.870	-0.556	0.323	0.435	0.303	0.769	-1.053	0.294	0.000	0.303	1.364	-0.526	0.625	0.000	-0.588	
74	FT120	0.870	0.556	1.935	1.739	1.515	1.154	1.053	2.059	1.957	1.818	1.364	1.053	1.875	1.818	1.471	
75	S50	2.174	-1.667	-1.290	0.000	-1.818	-8.462	0.000	-2.353	-5.870	-1.515	-1.364	-1.579	-1.250	-2.045	-1.765	
76	S50	-1.304	5.556		-0.217	0.606	-1.154	5.789		0.000	0.909	-0.909	5.263		0.682	1.471	
77	G・SS	0.000			-0.435	-0.606	-0.769			-0.435	-0.303	0.000			-0.227	-0.294	
78	FT120	1.739	1.111	1.935	0.435	-0.303	1.538	1.579	1.765	0.870	0.000	1.364	2.105	2.188	1.364	0.882	
79	FT1	-0.870	1.667		0.435	1.212	-1.538	1.579		-0.435	0.909	-0.909	2.632		0.000	0.588	
80	FT120	0.000			-1.304	-1.818	0.000			-1.087	-1.515	0.000			-1.136	-1.471	
81	FT120	0.870	-2.222	-0.323	0.217	-0.303	0.769	-2.105	-0.294	-0.217	-0.909	0.455	-1.579	-0.312	-0.227	-0.882	
82	FT120	-1.304	-1.667	-0.645	-0.870	-0.303	-1.154	-1.579	0.000	-0.870	-0.303	-0.455	-1.053	-0.312	-0.227	0.000	
83	S50	1.304	1.667		1.304	0.909	1.538	2.105		2.174	1.515	2.727	2.105		2.273	1.471	
84	FT2	0.000	0.556	-1.290	-0.652	-0.606	-0.385	0.000	-1.176	-0.870	0.000	0.909	1.053	-0.312	-0.227	-0.294	
85	S50	0.000	1.667	0.323	-0.652	-0.909	-0.385	1.579	0.882	-0.435	-0.303	0.455	1.053	0.938	0.000	0.000	
86	FT120	-0.870	1.111	-0.968	-1.304	-0.909	-0.769	1.579	0.294	-0.435	0.000	-0.909	1.579	-0.312	-0.455	0.000	
87	ラクトスコープFTIR	-0.435	-0.556		0.000	0.303	-0.769	-0.526		-0.435	0.000	0.000	0.000		0.455	0.588	
88	S50	-0.870	1.111	-0.323	0.000	0.606	-0.769	1.579	-0.588	0.217	0.909	0.000	1.053	-0.312	0.682	0.882	
89	FT1	0.435	1.111	-0.645	3.043	0.909	-0.769	0.000	-0.294	2.174	0.000	0.000	0.000	-0.312	2.273	0.000	
90	FT120	0.000	0.000	0.323	-0.652	0.000	0.000	-0.526	0.294	-0.435	-0.303	-0.455	-1.053	0.312	-0.909	-1.176	
91	FT120	-0.435	0.000	1.613	-0.652	0.606	-0.769	0.526	1.176	-0.652	0.606	-0.455	-0.526	1.250	-0.909	0.000	
92	ラクトスコープ	-1.304	2.778	0.323	2.174	3.636	-1.154	1.053	0.294	1.522	3.030	-0.455	1.053	0.312	1.591	2.647	
93	FT120	-0.435	-0.556	1.290	-0.435	0.000	-0.385	0.526	1.765	0.217	1.212	0.000	0.526	1.562	0.227	0.588	
94	G・SS	0.000			0.217	0.303	-2.692			-1.087	0.606	-5.909			-2.273	1.176	
95	S50	-9.565	0.556	-0.645	-4.783	0.303	-2.692	0.526	-0.588	-1.304	0.303	-2.273	1.053	-0.625	-0.682	0.588	
96	S50	-0.870	1.111		0.217	0.909	-1.154	1.053		0.217	1.212	-1.364	1.053		0.000	1.176	
97	FT2	-0.870	-0.556	0.323	0.217	-0.606	-0.769	-1.053	-0.294	0.217	-0.303	-0.909	0.000	0.312	0.000	-1.176	
98	-																
99	-																
100	-																
101	S50	-3.043			0.217	2.424	-2.692			0.435	2.727	-2.727			0.682	2.647	
102	FT6000	-0.870	1.111	1.290	-0.217	0.606	-0.769	0.000	1.471	0.435	1.212	0.000	-0.526	1.562	1.136	1.471	
103	-																
104	-																
105	FT120	0.435	0.556	0.645	0.217	0.000	0.000	1.579	1.176	0.870	1.212	0.000	0.526	1.250	0.455	0.588	

記号説明

- G ゲルベル法
- SS スマートシステム
- TMSC TMSチェッカー