

平成28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(%)	3.76	3.37	4.50	12.64	8.88	3.72	3.28	4.55	12.55	8.83	3.63	3.16	4.44	12.23
	標準偏差	0.022	0.020	0.020	0.038	0.030	0.023	0.020	0.021	0.040	0.034	0.035	0.021	0.026	0.048	0.039
1	CF6500	-0.909	-0.500	0.000	-1.316	-1.000	-0.435	-1.000	0.000	-0.750	-0.588	-0.286	0.000	-1.154	-1.042	-1.026
2	CFFT+	0.000	0.000	-0.500	-0.526	0.000	0.000	0.000	-0.476	-0.250	0.000	0.000	0.476	-1.154	0.208	-0.256
3	FT120	0.455			0.526	0.333	3.913			2.750	0.588	2.857			2.292	0.256
4	CF6400	0.000	0.000	0.000	0.000	-0.333	0.870	-0.500	0.000	0.250	-0.294	0.286	-0.952	-0.769	-0.625	-1.026
5	CFFT+	0.000	-0.500	-1.000	-0.263	0.000	0.000	-0.500	-0.476	0.000	0.000	-0.286	0.000	-1.538	-0.417	-0.256
6	CF6400	-0.455	-0.500	-0.500	-0.789	-0.333	-0.870	-0.500	-0.476	-0.500	-0.294	-0.286	0.000	-1.538	-0.625	-0.513
7	FT120	-0.455	-0.500	-1.000	-0.789	-0.667	0.000	0.500	-0.952	0.250	0.000	-0.286	0.476	-1.154	-0.208	0.000
8	FT120	-0.909	-1.000	1.500	0.000	0.667	-0.435	-0.500	1.429	0.500	0.882	-0.571	0.000	0.385	-0.417	0.000
9	FT1	-0.455			0.526	1.000	-0.870			0.000	0.588	-0.571			0.833	1.538
10	LactoscopeFilter	-0.455	0.000	0.000	0.263	0.667	-1.304	-1.000	0.000	-0.750	0.000	-0.857	0.476	-0.769	-0.833	-0.256
11	CFFT+	-0.455	0.500	-0.500	-0.263	0.000	-0.870	0.500	0.000	0.250	0.882	-0.571	0.476	-0.769	-0.417	0.256
12	FT1	0.000				0.000	-0.435				-0.588	-0.286				0.000
13	FT6000	0.000	-1.000	-0.500	-1.053	-1.333	0.435	-1.000	-0.476	-0.500	-0.882	0.286	-0.476	-1.154	-0.625	-1.026
14	FT2	1.364	-1.000	-0.500	2.632	1.000	-0.435	-0.500	-2.857	0.500	-0.294	1.143	-0.952	2.308	1.042	0.000
15	FT120	-1.364			-1.053	-0.333	0.000			-0.250	-0.294	-0.571			-0.625	0.000
16	FT120	-0.455	1.000	1.000	0.263	0.000	0.000	0.500	0.476	0.750	0.882	-0.571	-0.476	1.154	-0.417	0.000
17	CF6200	0.000	0.000	-1.500	0.263	0.333	0.000	0.000	-0.952	0.500	0.294	-0.286	0.000	-2.308	-0.417	-0.513
18	FT6300UWF	-0.455	-0.500	0.000	-0.789	-0.667	-0.435	0.000	0.000	-0.250	0.000	-0.286	0.952	-0.769	-0.417	-0.256
19	CFFT+	0.909	-1.000	0.000	-0.263	-1.000	0.870	-1.000	0.476	0.250	-0.294	0.857	-0.476	-0.769	0.000	-0.769
20	CFFT+	0.909	-1.000	0.000	-0.263	-1.000	0.870	-1.000	-0.476	-0.250	-0.882	0.571	-0.476	-1.154	-0.417	-1.026
21	FT120	-0.455			-0.263	0.000	-0.435			0.250	0.588	-0.857			-1.042	-0.513
22	FT1	-1.364	-2.500	-1.000	0.000	1.333	-1.739	-2.500	-0.476	-0.250	0.882	-1.714	-1.905	0.385	1.250	3.077
23	FT1	0.455			0.789	1.000	0.435			0.500	0.294	-0.857			1.042	2.308
24	FT1	0.455	1.000	0.500	1.316	1.000	0.435	0.500	1.429	0.750	0.588	-0.571	0.476	0.769	1.250	2.051
25	FT120	-0.455			-0.789	-0.667	-0.435			-1.250	-1.176	-0.857			-0.208	0.513
26	FT1	-0.909			0.263	1.000	-0.870			-0.750	-0.294	-1.143			0.625	1.795
27	S50	1.364			1.316	0.333	1.304			1.000	0.588	1.429			1.458	0.513
28	FT120	0.000			1.053	1.000	-0.870			-0.750	-0.294	-0.286			0.208	0.513
29	FT120	-0.909			-1.316	-0.667	-0.435			-0.500	0.000	-0.857			-1.042	-0.256
30	FT120	-0.455	0.000	0.500	0.000	-0.333	0.000	1.000	0.476	0.750	0.588	-0.571	0.476	-0.385	0.208	0.256
31	FT120	-0.455			-0.263	-0.333	0.000			0.000	0.000	-0.571			-0.625	-0.256
32	FT120	-0.909	1.000	0.000	-0.789	0.333	0.000	0.500	-0.476	0.250	0.588	-0.571	-0.476	0.385	-0.208	-0.513
33	FT120	-0.455	0.500	1.000	0.789	1.333	0.000	1.000	0.000	1.250	1.471	-0.571	1.429	0.769	0.833	0.769
34	Minor	-0.909			0.263	0.000	0.000			-0.500	-0.588	0.571			-0.417	0.000
35	Minor	0.000	1.000	0.000	0.263	0.333	0.435	0.000	-0.476	-0.250	-0.294	0.857	-0.476	0.000	0.417	-0.256
36	DairySpecFT	0.455	0.000	0.000	1.316	1.333	0.000	-0.500	-0.952	1.000	1.176	-0.571	-1.429	-1.538	-0.833	-0.769
37	FT120	0.455				0.000	-0.870				1.765	-0.571				0.513
38	FT120	0.000	0.000	0.000	-0.263	-0.333	0.000	0.000	-0.476	0.000	0.000	-0.571	-0.952	0.000	-0.208	0.256
39	Mars	-1.364	0.000		0.263	1.000	-1.304	-0.500		-2.250	-1.471	-0.857	-0.952		-1.458	-2.051
40	Bentley150	-0.455			1.053	1.667	-1.304			0.750	1.471	-0.286			-0.208	0.000
41	FT1	-0.455	-0.500	1.000	-0.263	0.000	0.000	1.000	0.952	1.000	1.176	-0.571	0.476	0.385	0.000	0.513
42	FT1	0.000	-1.000	-1.500	-1.579	-1.667	-0.435	-1.000	-0.476	-2.500	-2.059	-0.571	-1.429	-0.769	-0.833	-1.026
43	FT120	0.455	-0.500	0.500	0.263	0.000	0.870	0.500	0.952	1.250	0.882	0.000	0.476	0.769	0.625	0.769
44	Bentley150	-0.455	0.000	-3.000	-2.105	-2.333	1.304	1.000	0.000	1.750	1.176	0.000	0.952	-0.769	-0.208	-0.513
45	FT2	-0.455	0.000	-1.000	0.000	1.000	0.000	0.500	0.476	-0.250	0.882	-0.286	0.476	-0.385	0.417	0.769
46	CF5200	5.000	2.500	1.500	4.737	2.333	4.783	2.500	1.905	4.750	2.353	2.857	2.381	0.385	3.542	1.795
47	FT120	-1.818	-1.500		-1.842	-0.667	-1.739	-0.500		-1.000	0.294	-1.143	-0.476		-0.833	0.000
48	FT2	-0.909	0.000	1.000	1.053	-0.333	-1.304	0.000	1.429	-0.250	-1.765	0.286	0.000	0.769	0.833	0.000
49	FT1	0.455	0.500	-0.500	0.000	-0.333	0.870	0.000	-1.429	0.250	-0.294	0.000	-0.952	0.000	0.000	0.000
50	FT120	-0.455			-0.789	-0.667	0.000			0.000	0.000	-0.286			-0.417	0.000
51	S50	0.909	0.000		1.316	0.667	0.000	0.000		0.500	0.294	0.571	1.905		0.833	0.256
52	CF6400	-0.909	-1.000	-1.000	-1.579	-1.667	0.000	-0.500	-0.476	-0.500	-0.588	0.000	0.000	-0.769	-0.417	-0.513
53	不明	0.909	-2.000	1.500	0.789	-0.333	0.435	-1.500	2.381	0.000	-1.176	0.857	-1.429	1.154	1.042	0.000
54	FT2	0.909	1.500	-0.500	-0.263	0.333	0.870	1.500	0.000	0.000	0.000	0.571	0.952	-0.385	1.042	0.256
55	FT120	-0.455	0.500	-1.000	-0.263	0.000	-0.435	-0.500	-0.952	-1.000	-0.882	0.000	0.476	-0.385	-0.208	-0.256
56	FT120	-2.727	0.500	-1.000	-1.842	-0.667	-2.174	1.000	0.000	-0.750	0.294	-1.714	0.952	-1.154	-0.625	-0.256
57	FT120	-0.455	-0.500	-0.500	-0.526	-0.333	-0.435	0.000	0.000	0.250	0.588	-0.286	0.000	-0.769	0.000	-0.256
58	LactoscopeFIR	-0.455	0.500	0.000	0.263	0.333	0.000	0.500	-1.429	0.250	0.588	-0.571	0.000	0.769	-0.833	-0.256
59	FT6000	-0.455	0.000	0.500	-0.789	-0.667	-0.435	0.500	0.000	-0.500	-0.294	-0.286	0.952	-0.769	-0.625	-0.513

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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(%)	3.76	3.37	4.50	12.64	8.88	3.72	3.28	4.55	12.55	8.83	3.63	3.16	4.44	12.23
	標準偏差	0.022	0.020	0.020	0.038	0.030	0.023	0.020	0.021	0.040	0.034	0.035	0.021	0.026	0.048	0.039
60	G・TMSC	-2.727			0.789	3.000	-5.217			-0.500	2.941	-2.286			0.000	2.051
61	FT2	-1.818	1.500	0.000	1.053	2.000	-1.304	1.000	0.476	1.250	0.294	-1.429	0.476	-0.769	1.042	-0.256
62	FT1	0.000	-1.000	2.500	-0.263	0.000	-0.870	-1.000	3.810	-0.500	-1.176	-0.286	-0.476	2.692	1.042	0.000
63	Minor	0.455	1.000	0.500	3.421	1.000	0.870	1.000	-0.476	1.500	0.294	2.571	2.381	0.385	1.250	1.795
64	FT120	0.909	-0.500	1.000	0.526	0.000	0.870	0.000	0.952	1.250	0.882	0.000	-0.952	0.000	-0.833	-0.769
65	FT120	0.909			0.526	-0.333	1.304			1.000	0.294	0.286			0.625	0.256
66	FT120	-0.909	-0.500	-1.000	-0.526	0.000	-1.304	-0.500	-0.952	-1.250	-0.588	-0.571	-0.476	0.769	0.625	0.769
67	FT120	0.000	1.000	-0.500	0.000	0.667	0.000	1.000	0.000	0.250	0.588	0.286	0.952	-0.769	1.250	0.513
68	Minor	0.909	-2.500	-0.500	0.000	-1.333	0.870	-3.000	-1.905	-1.000	-1.765	0.857	-1.905	0.385	-0.833	-1.026
69	FT120	0.909	-1.000	-1.000	0.789	0.333	0.000	-1.000	-0.476	-0.750	-1.765	0.571	-1.429	0.769	1.667	0.256
70	FT120	-1.364			0.000	1.000	-0.435			0.000	0.294	-0.286			-0.417	-0.256
71	FT120	0.000	0.500	1.000	0.526	0.333	0.870	1.000	1.429	1.500	1.471	0.000	-0.476	0.769	0.833	0.769
72	FT120	0.455	0.000	-0.500	-1.579	-2.000	-1.304	0.500	0.000	-1.750	-1.176	0.000	0.476	-0.769	-0.833	-1.026
73	Mars	-1.364	2.000	1.000	-0.263	1.000	-0.870	2.000	0.000	-1.000	-0.294	-0.857	1.905	-1.538	-0.625	-0.256
74	S50	0.000	4.500		-0.526	-0.333	-0.435	4.500		-0.500	-0.294	-0.286	5.238		0.417	0.769
75	G・SS	0.455			1.053	1.000	0.000			0.250	0.294	-0.286			0.833	1.538
76	FT1	0.909	0.000	-0.500	1.842	1.667	0.870	0.000	0.476	0.750	0.294	0.286	0.000	0.385	1.875	2.051
77	FT1	-2.273	-1.000		0.000	-109.333	-2.174	-1.500		-0.750	0.294	-2.000	-1.905		0.625	2.564
78	FT120	0.000			0.789	1.000	0.000			-0.500	-0.882	0.571			1.458	1.282
79	FT120	-0.909	-1.500	3.000	0.000	0.667	-0.870	-1.000	2.381	0.250	1.176	-1.143	-0.952	1.538	-0.208	0.769
80	FT120	-0.909	-2.000	1.000	-1.053	-0.333	-0.435	-1.000	0.952	0.000	0.294	-0.571	-0.476	0.385	-0.208	0.256
81	S50	1.364	-1.000		0.000	-0.667	2.174	-1.500		0.750	-0.588	1.714	0.000		0.625	-0.769
82	FT2	1.818	-0.500	0.500	-0.789	-2.000	2.609	-0.500	0.476	0.000	-2.059	2.000	-0.476	0.000	0.625	-1.282
83	S50	1.364	2.000	0.500	1.053	0.333	0.870	1.000	0.476	0.750	0.294	1.143	1.429	-0.769	1.458	0.769
84	LactoscopeFTIR	0.000	0.500		-0.526	-0.667	0.435	0.500		-0.500	-0.882	0.000	0.476		-1.250	-1.538
85	S50	2.273	1.500	0.500	2.105	1.000	1.739	0.500	0.476	1.500	0.588	2.000	1.905	-0.385	1.875	0.513
86	FT1	-1.364	0.000	-1.500	-1.053	-0.333	-2.609	0.500	-0.476	-1.750	-0.588	-1.429	0.476	-0.769	0.208	-0.256
87	FT120	0.000	-0.500	0.000	-1.053	-0.667	0.870	-1.000	-0.476	-0.250	-0.294	0.000	-2.381	0.385	-0.208	-1.538
88	FT120	-2.273	0.000	2.500	-1.316	-2.000	-1.739	0.500	3.333	-0.500	-0.588	-1.714	0.000	1.538	-1.458	-2.051
89	LactoscopeFilter	-0.455	0.000	0.000	-0.526	-0.333	-1.304	-0.500	-0.476	-1.000	-0.294	-1.429	0.000	-0.385	-1.667	-0.769
90	FT120	0.455	0.000	0.500	0.526	0.333	0.435	0.500	0.476	0.750	0.882	-0.286	0.952	0.000	0.417	0.256
91	G・SS	1.818			0.000	-1.333	0.000			-2.250	-2.647	-1.429			-1.667	-0.769
92	FT1	1.364	0.000	-1.000	0.526	0.000	0.870	0.000	0.000	0.000	-1.471	0.286	0.476	-0.769	1.042	-0.256
93	S50	1.364	2.000		2.368	2.333	0.870	1.500		2.250	2.647	0.857	1.905		1.667	1.795
94	FT2	-0.455	-0.500	-0.500	0.789	0.000	-0.870	0.500	0.476	-1.000	-0.882	0.286	0.476	0.000	-1.042	-0.769
95	—															
96	—															
97	—															
98	—															
99	FT6000	0.909	3.500	-0.500	1.579	1.333	1.739	1.500	-2.857	2.750	2.059	1.429	-0.476	1.923	2.500	1.795
100	S50	-2.273	-1.000		-1.842	-0.333	-3.043	-2.000		-2.750	-0.882	-2.286	-0.952		-2.917	-1.026
101	FT120	0.000	-0.500	-0.500	-0.789	-0.667	0.435	0.000	0.000	0.500	0.294	0.000	0.476	-0.769	0.208	0.256
102	G・SS	1.818			-2.632	-4.667	1.304			-3.500	-5.000	2.000			-2.708	-4.359

記号説明

- G ゲルベル法
- SS スマートシステム