

平成28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(%)	4.14	3.51	4.45	13.09	8.95	3.80	3.40	4.48	12.67	8.88	3.94	3.36	4.50	12.79	8.86
		標準偏差	0.023	0.019	0.019	0.045	0.039	0.024	0.016	0.017	0.039	0.028	0.022	0.018	0.017	0.037	0.028
1	CF6500	-2.174	-2.105	-0.526	-2.000	-1.026	-0.833	-2.500	-0.588	-1.282	-1.429	-1.818	-2.222	0.000	-1.622	-1.071	
2	CFFT+	0.435	-1.053	-0.526	-0.444	0.000	0.833	-1.250	-0.588	-1.538	-1.429	0.455	-1.111	-0.588	-1.081	-0.714	
3	FT120	0.870			0.444	0.000	1.667				0.769	-0.714	0.455		0.270	-0.357	
4	CF6400	0.000	0.526	-0.526	0.222	0.256	0.417	0.000	-0.588	0.000	-0.714	0.000	-0.556	-0.588	-0.270	-0.714	
5	CFFT+	-0.435	-0.526	-1.053	0.000	0.000	0.000	-0.625	-1.176	-0.513	-1.071	-0.455	-0.556	-1.176	-0.541	-0.714	
6	CF6400	-0.870	-0.526	0.000	-0.667	-0.256	-0.417	-0.625	0.000	-0.513	-0.714	-0.909	-0.556	0.000	-0.541	-0.357	
7	FT120	-0.870	-1.053	0.000	-0.667	-0.256	-0.833	-0.625	-0.588	-0.769	-0.714	-0.455	-0.556	0.000	-0.811	-1.071	
8	FT120	0.000	-1.579	0.000	-0.222	-0.256	-0.833	-0.625	1.176	-0.513	-0.357	-0.455	-2.778	1.176	0.000	0.000	
9	FT1	1.304			-0.222	-1.026	0.000				-0.513	-0.714	0.000		-0.811	-1.429	
10	LactoscopeFilter	3.478	-0.526	0.526	1.778	0.256	-1.250	-0.625	0.000	-0.769	-0.357	0.909	0.000	0.588	1.081	0.000	
11	CFFT+	-0.870	-0.526	0.000	-0.444	0.000	-0.417	0.000	0.000	-0.513	-0.714	-0.909	-0.556	0.000	-0.270	0.000	
12	FT1	-0.435				0.769	-1.667				1.429	-0.909				0.714	
13	FT6000	1.304	-1.053	0.000	0.444	-0.256	1.250	-1.250	0.000	0.513	-0.714	1.364	-1.667	0.000	0.270	-1.071	
14	FT2	1.304	-0.526	3.684	2.222	1.026	0.000	0.000	2.353	0.769	0.714	0.909	-1.111	0.588	1.351	0.357	
15	FT120	0.000			-1.111	0.513	-0.833			-1.026	-0.714	0.000			-0.541	0.357	
16	FT120	0.000	0.000	0.000	-1.111	0.256	-0.417	0.000	0.000	0.000	0.000	0.000	-0.556	0.588	-0.270	0.000	
17	CF6200	0.000	0.526	-0.526	0.000	0.256	0.000	0.625	-0.588	0.256	0.000	-1.364	0.000	-0.588	-0.811	-0.357	
18	FT6300UWF	-0.435	-0.526	-0.526	-0.444	-0.256	0.417	-0.625	-1.176	-0.256	-1.071	-0.455	0.000	-0.588	-0.270	-0.357	
19	CFFT+	-0.435	-0.526	-1.053	-0.889	-0.513	0.000	-0.625	-1.176	-0.256	-1.071	-0.455	-0.556	-0.588	-0.541	-0.714	
20	CFFT+	0.000	0.000	0.000	0.222	0.256	0.417	0.000	0.000	0.513	0.000	0.000	0.000	0.588	0.541	0.357	
21	FT120	0.870			1.778	1.282	0.000			1.282	1.429	0.909			1.351	0.714	
22	FT1	0.870	-1.053	-0.526	0.667	0.256	-0.417	0.000	0.000	-1.538	-2.143	0.000	-0.556	0.000	0.270	0.000	
23	FT1	0.000			-0.667	-0.769	-0.417			-0.256	-0.357	0.455			0.000	-0.714	
24	FT1	0.000	-1.579	-1.579	0.444	0.513	0.000	-0.625	-1.765	-0.256	-0.714	-0.455	-1.111	-1.176	0.000	0.000	
25	FT120	0.870			0.000	-0.513	-0.417			-0.513	-1.071	0.000			-0.811	-1.429	
26	FT1	0.435			-0.222	-0.513	-0.417			0.000	0.000	0.455			0.000	-1.071	
27	S50	-0.870			0.222	0.769	0.417			1.282	1.071	0.000			1.351	1.429	
28	FT120	0.000			-0.444	-0.513	-0.833			0.256	0.714	-0.455			-0.270	0.000	
29	FT120	0.000			-1.111	-1.026	-0.833			-0.769	-1.071	-0.455			-0.541	-1.071	
30	FT120	0.000	-1.053	0.526	-0.667	-0.256	-0.417	0.000	1.765	1.026	0.000	0.000	0.000	0.588	0.541	0.000	
31	FT120	0.000			-0.667	-0.769	-0.417			-0.256	-0.357	0.000			-0.270	-0.714	
32	FT120	0.000	0.000	-0.526	-0.889	0.256	-0.833	0.000	-0.588	-0.513	-0.357	-0.455	0.000	0.000	-0.541	0.000	
33	FT120	0.000	-2.105	0.526	-1.111	-0.513	-0.833	-1.250	0.588	-0.513	-0.357	0.000	-1.111	0.000	-0.541	-0.357	
34	Minor	-0.870			2.000	-0.513	2.083			2.051	-0.357	0.000			1.351	0.000	
35	Minor	0.000	-0.526	0.526	0.222	0.256	1.250	0.588	1.795	1.071	1.364	1.667	1.176	2.162	1.429		
36	DairySpecFT	1.739	0.000	0.526	2.222	1.538	-0.417	0.000	1.176	-0.769	-1.071	0.455	0.000	1.176	1.081	0.357	
37	FT1	0.435				1.026	-0.833				0.357	0.909				0.714	
38	FT120	0.000	1.053	0.526	-0.444	-0.769	-1.667	0.625	0.000	-0.513	0.357	-0.455	0.000	0.588	0.000	0.000	
39	Mars	0.435	0.526		0.444	1.026	0.417	0.625		0.769	-0.357	0.455	0.000		-0.270	-1.071	
40	Bentley150	0.000			2.000	2.308	1.667			1.026	-0.357	0.455			2.432	2.857	
41	FT1	-0.870	-1.053	1.053	-0.222	0.256	-0.417	0.000	0.588	0.256	0.357	-0.455	-0.556	0.588	0.000	0.000	
42	FT1	2.174	1.579	2.632	2.889	2.564	0.833	1.250	2.941	1.795	1.429	1.818	1.667	2.353	2.973	14.643	
43	FT120	0.870	-0.526	-1.053	0.000	-0.513	0.000	0.000	0.000	0.513	0.357	0.909	0.000	0.000	0.541	-0.357	
44	Bentley150	1.304	2.105	2.105	2.444	1.795	1.667	0.625	2.353	1.795	0.714	1.364	0.556	2.941	2.973	2.500	
45	FT2	0.000	0.000	0.000	0.222	0.513	-0.833	0.625	0.000	-0.769	0.357	-0.455	0.000	0.000	-0.270	0.000	
46	CF5200	0.435	0.000	1.579	1.111	1.026	1.250	0.625	1.176	1.795	1.071	1.364	0.556	1.765	2.162	1.429	
47	FT120	-2.174	-0.526		-2.000	-1.026	-1.667	0.000		-1.795	-1.786	-1.364	0.000		-1.622	-1.786	
48	FT2	0.435	1.053	1.053	-0.889	-0.256	-0.833	1.875	0.588	-0.256	0.000	-0.455	1.111	1.765	-0.811	-1.071	
49	FT1	0.870	0.000	-1.053	-0.889	-1.538	-0.417	-0.625	0.000	0.000	-0.357	0.909	-0.556	0.588	0.000	-1.071	
50	FT120	-0.435			-0.667	-0.769	-0.417			-0.769	-1.071	-0.455			-1.081	-1.429	
51	S50	0.000	0.526		1.111	1.282	0.000	1.250		1.282	1.071	-0.909	1.667		1.081	1.786	
52	CF6400	-0.435	-0.526	0.526	0.000	0.256	0.000	-0.625	0.588	0.000	0.000	-0.909	-0.556	0.588	-0.270	0.000	
53	FT2	-1.304			-1.111	0.256	-1.667			-0.513	0.000	-1.364			-1.081	0.000	
54	FT2	-0.435	1.579	2.632	0.444	0.769	0.000	-0.625	-1.765	0.769	0.714	0.000	2.222	2.941	1.081	1.071	
55	FT120	0.000	2.105	-0.526	-0.889	-1.026	-0.833	1.875	-1.176	-0.513	-0.357	-0.909	1.667	-1.765	-0.541	-0.357	
56	FT120	-1.304	-0.526	-0.526	-0.889	0.256	-1.667	0.000	0.000	-0.513	0.000	-4.091	0.000	0.588	-1.892	0.357	
57	FT120	0.435	0.000	-0.526	0.222	0.256	0.000	1.250	-0.588	0.513	0.357	0.455	0.000	-0.588	-0.270	-0.714	
58	LactoscopeFTIR	-1.304	0.000	0.526	0.889	0.000	-0.417	-0.625	-0.588	-1.282	-0.714	-0.909	0.000	-0.588	0.541	0.000	
59	FT6000	0.000	0.000	-0.526	0.000	0.000	0.000	-0.625	-1.176	-0.513	-1.071	-0.455	-0.556	-1.176	-0.541	-0.714	

平成28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	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(%)	4.14	3.51	4.45	13.09	8.95	3.80	3.40	4.48	12.67	8.88	3.94	3.36	4.50	12.79
	標準偏差	0.023	0.019	0.019	0.045	0.039	0.024	0.016	0.017	0.039	0.028	0.022	0.018	0.017	0.037	0.028
60	G・TMSC	-1.739			1.333	2.564	-2.083			1.795	3.929	-1.818			0.541	1.786
61	FT2	0.435	1.053	-1.579	0.222	1.538	-0.417	1.875	-1.765	0.000	2.500	-0.909	1.111	-1.176	0.811	1.429
62	FT1	-3.043	-2.105	0.000	-1.111	0.513	-4.167	-1.250	0.000	-1.282	-0.357	-3.182	-1.111	0.000	-0.541	0.714
63	MInor	-1.304	-4.211	-2.632	-0.444	-2.564	2.917	0.000	-2.353	1.538	-1.071	2.273	-0.556	-1.176	0.811	-1.786
64	FT120	-0.435	-1.053	-1.053	-0.889	-0.769	-1.250	-1.250	-1.176	-1.538	-1.429	-0.909	-2.222	-0.588	-1.351	-1.786
65	FT120	0.000			0.000	-0.256	0.000			0.513	0.357	0.909			0.541	-0.357
66	FT120	0.000	-0.526	-1.053	0.222	0.769	-1.250	-0.625	0.000	1.026	0.000	-0.909	0.000	-0.588	-0.541	0.357
67	FT2	0.870	0.526	0.000	0.889	1.026	-1.250	1.250	0.000	0.000	1.071	-1.364	0.556	0.588	-0.270	1.429
68	Minor	0.870	-1.053	-1.053	0.222	-0.513	2.917	0.000	-0.588	1.538	-0.357	0.909	0.000	-1.176	0.270	-0.714
69	FT120	0.000	-0.526	0.000	2.000	1.026	0.000	0.000	0.000	2.821	1.071	0.455	-0.556	0.000	1.892	0.714
70	FT120	0.435			-0.222	-0.513	-0.417			0.513	0.714	0.455			0.541	0.000
71	FT120	0.435	0.526	0.526	-0.444	-0.769	-0.417	0.625	1.176	0.769	1.071	0.000	0.000	2.353	0.541	0.357
72	FT120	0.870	2.105	-0.526	-0.222	-0.769	-0.833	2.500	-1.176	0.513	1.071	0.455	2.222	-0.588	0.541	0.000
73	Mars	-1.304	0.000	2.632	0.222	1.282	-0.417	-0.625	4.706	1.795	2.500	-0.909	0.000	1.765	0.541	1.071
74	S50	2.609			0.222	-1.282	2.500			1.282	-0.714	1.818			0.811	-1.071
75	G・SS	1.739			-0.222	-1.282	0.000			-0.256	-0.714	-0.455			-0.541	-1.071
76	FT1	-0.435	0.526	0.526	1.333	1.795	0.417	1.250	0.000	0.000	-0.714	-0.455	0.556	0.588	0.811	1.071
77	FT1	-0.870	-1.579		1.111	1.795	-0.833	-0.625		1.538	2.500	-1.364	-1.667		1.351	2.143
78	FT120	0.435			-0.889	-1.282	-0.417			-0.769	-1.071	0.000			-0.811	-1.429
79	FT120	1.304	0.526	1.579	0.222	-0.256	-0.417	1.250	1.176	0.000	0.000	0.455	1.111	1.765	0.270	-0.357
80	FT120	0.870	0.000	1.053	0.667	0.256	0.000	1.250	1.176	0.769	0.714	0.455	1.111	1.765	0.811	0.357
81	S50	1.304	1.579		1.111	0.513	3.333	1.875		2.308	0.000	2.727	1.667		2.432	0.357
82	FT2	0.435	-0.526	0.000	-0.444	0.000	-0.417	0.000	0.000	-0.256	-0.714	-0.909	0.000	0.000	-1.081	-0.714
83	S50	-1.304	1.053	-0.526	-0.444	0.256	-0.417	0.000	-0.588	0.256	0.357	-1.364	-0.556	0.000	-0.270	0.357
84	LactoscopeFTIR	-0.870	0.526		0.000	0.513	-0.417	0.000		-1.282	-1.786	-0.909	0.556		0.270	0.357
85	Mars	-0.870			-1.111	-0.769	0.417			0.256	-0.714	-0.909			-1.351	-1.429
86	FT1	0.000	2.105	0.526	1.556	1.026	0.417	2.500	-0.588	0.769	-1.071	-0.909	3.333	-0.588	1.622	1.071
87	FT120	-0.870	-0.526	-1.053	-1.778	-0.513	-0.833	-0.625	0.000	-0.513	-0.714	-0.455	-1.111	0.000	-1.081	-0.714
88	FT120	0.000	0.526	-0.526	0.444	0.256	-0.417	0.625	-0.588	-0.256	-0.357	0.000	0.000	0.000	0.270	0.000
89	LactoscopeFilter	-0.435	-1.053	0.000	-0.444	-0.256	-2.083	-1.875	-0.588	-2.308	-1.429	-0.909	-1.111	0.000	-1.081	-0.714
90	FT120	0.435	-0.526	1.053	0.444	0.513	-0.417	0.625	0.588	0.513	0.714	0.000	0.556	1.176	0.811	1.071
91	G・SS	1.739			-0.667	-2.051	-0.833			-1.026	-1.071	2.727			-1.351	-4.286
92	FT1	-0.870	-0.526	0.000	0.667	-0.513	-0.417	0.000	0.588	0.256	-2.857	-0.455	-0.556	0.000	1.081	-1.429
93	S50	-1.304	0.000		0.000	0.769	-0.417	0.000		0.000	0.714	-1.364	0.000	0.000	1.429	
94	FT2	1.304	0.000	0.526	0.444	1.538	0.417	1.875	0.000	0.769	1.786	0.909	0.556	0.588	0.270	2.143
95	—															
96	—															
97	—															
98	—															
99	FT6000	1.739	0.000	0.000	-0.444	-1.538	2.083	-0.625	0.588	0.000	-2.143	1.364	-0.556	0.000	0.000	-1.429
100	FT1	-0.435	-0.526	-6.842	-1.556	-2.308	-0.833	0.000	-7.647	-0.513	0.000	0.000	-0.556	-7.647	-0.541	-1.071
101	FT120	0.000	0.000	-0.526	-0.889	-1.026	-0.417	0.000	0.000	0.000	0.000	0.000	0.000	0.588	0.000	-0.357
102	—															
103	G・常	-1.739			0.222	1.282	-1.250			0.769	1.786	0.000			0.541	0.000
104	—															
105	—															
106	LactoscopeFTIR・G	-2.174				0.256	0.417				1.429	-0.909				0.357

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