

平成27年度 第1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(%)	3.98	3.42	4.55	12.92	8.94	4.05	3.35	4.51	12.88	8.83	3.63	3.21	4.50	12.31
	標準偏差	0.022	0.017	0.024	0.038	0.030	0.027	0.012	0.024	0.036	0.027	0.028	0.019	0.025	0.038	0.035
1	CF6500	-0.909	-0.588	-1.667	-0.789	-0.667	-0.370	0.000	-1.667	-0.556	-0.370	0.357	0.000	-1.600	0.000	0.000
2	CFFT+	-0.455	0.000	1.667	-0.789	-0.333	-0.370	0.000	1.250	-0.556	-0.370	0.357	0.526	0.800	1.053	-0.571
3	FT120	-4.091			-2.632	-0.333	-2.222			-1.389	0.370	-1.786			0.263	1.714
4	CF6400	-0.455	-0.588	-1.250	-0.526	-0.333	0.000	0.000	-2.083	-0.833	-0.741	0.357	-0.526	-2.000	-0.526	-0.571
5	CFFT+	0.455	-0.588	0.000	-0.526	-1.000	0.741	0.000	0.000	-0.278	-0.741	0.357	0.000	-0.400	-1.053	-1.143
6	FT120	-1.364	0.000	0.833	-0.526	0.333	-1.852	0.000	0.417	-1.111	0.000	-0.714	0.000	-0.400	-1.053	0.000
7	CF6400	-0.455	0.000	0.833	-0.526	-0.333	-0.370	0.000	0.417	-0.556	-0.370	0.000	0.526	0.400	-0.526	-0.286
8	CF6400	-0.909	-0.588	-1.250	-0.789	-0.333	-0.370	-0.833	-1.667	-0.833	-0.741	0.000	-0.526	-2.000	-0.526	-0.571
9	FT120	0.909	0.000	0.000	1.316	1.000	0.370	0.833	0.000	0.556	0.370	0.714	1.579	-0.400	0.526	0.286
10	FT1	0.909			1.316	1.000	0.741			1.111	0.741	-1.786			-1.316	0.286
11	ラクトスコープ	1.364	-1.176	-0.417	0.000	-1.000	0.741	-0.833	-0.417	-0.556	-1.481	-1.071	-3.684	-1.600	-4.474	-3.714
12	CFFT+	-0.909	0.000	0.833	-0.789	-0.333	-0.741	0.000	0.417	-0.833	-0.370	-0.357	0.000	0.000	-1.579	-1.143
13	FT1	0.909	1.176	0.833		2.000	0.741	1.667	-0.417		2.222	0.000	0.526	0.000		-1.714
14	FT6000	1.818	-0.588	-0.417	1.316	0.333	1.481	-0.833	-1.250	0.833	-0.370	1.429	0.000	-0.800	1.316	0.571
15	FT2	0.455	0.000	-0.833	0.263	0.000	0.370	-0.833	-1.250	0.556	0.000	0.714	0.526	0.000	0.000	-0.286
16	FT120	0.909			1.579	1.333	0.000			-0.556	-0.370	0.714			0.526	0.286
17	FT120	-0.455	1.176	0.833	0.789	1.333	0.000	0.833	0.833	0.000	0.370	0.357	0.000	0.800	0.263	0.000
18	CF5200	0.000	-0.588	0.833	-0.263	-0.333	0.000	-0.833	0.000	-0.278	-1.111	0.000	-0.526	-0.400	-1.579	-0.857
19	FT6300UWF	-0.455	-0.588	-1.667	-0.789	-0.667	0.000	0.000	-1.667	-0.278	-0.370	0.357	0.526	-2.000	0.000	0.000
20	CFFT+	0.000	-1.176	0.417	0.526	0.667	-0.370	-1.667	0.000	0.000	0.370	0.357	-1.053	-0.400	0.263	0.286
21	CFFT+	0.455	-0.588	0.000	1.053	0.667	0.741	-0.833	-0.417	0.556	0.000	0.714	-0.526	-0.400	0.789	0.571
22	FT120	0.455			0.263	0.333	0.000			0.278	0.370	0.357			-1.053	-0.857
23	FT120	-1.818	0.588	-0.833	0.000	1.667	-1.481	0.000	-0.417	-0.278	1.481	0.000	-0.526	-0.800	0.000	0.286
24	FT1	0.455			0.526	0.333	0.000			0.556	0.370	0.357			1.053	1.143
25	FT1	0.000	0.588	0.417	0.526	0.667	-0.370	0.833	0.417	1.111	1.852	0.000	0.000	0.800	0.263	0.571
26	FT120	0.455			0.526	0.000	0.000			-0.278	-0.370	-0.357			-0.263	0.286
27	FT1	0.000			-0.526	-0.667	-1.111			-0.278	0.741	-2.500			-0.526	1.714
28	S50	-0.909			-1.842	-1.667	-0.741			-0.833	-0.370	-0.357			-0.789	-0.286
29	FT120	-0.455			-0.789	-0.667	0.370			0.556	0.370	0.357			1.316	1.143
30	FT120	0.909			0.263	-0.333	0.000			-0.556	0.000	0.357			0.526	0.000
31	FT120	-0.455	0.588	0.833	-0.263	0.333	-0.370	0.000	0.833	-0.556	0.370	0.000	0.526	0.800	0.789	0.571
32	FT120	-0.455	-1.176	-0.833	-0.526	-0.333	0.000	0.000	0.000	0.556	0.741	0.357	0.000	0.000	0.526	0.571
33	FT120	-0.455	0.588	0.417	-0.789	1.333	-0.370	0.000	0.833	-0.556	0.370	0.357	0.000	1.200	1.316	-0.571
34	FT120	-0.455	0.000	0.417	-0.526	0.000	-0.741	0.000	1.250	-0.833	0.000	0.000	0.526	0.800	0.263	0.000
35	Minor	-0.909			2.632	0.667	-0.370			3.889	2.222	0.000			1.053	1.714
36	Minor	0.455	0.588	-1.667	0.526	0.333	0.000	0.833	-1.667	0.000	0.000	-0.714	-1.053	-2.000	-1.579	-0.857
37	DairySpecFT	1.818	-0.588	0.833	0.526	-0.667	1.111	0.000	0.833	0.000	-1.111	0.000	0.000	0.400	-1.579	-1.429
38	FT120	0.909			0.333	0.741				-0.741	0.357					-0.571
39	FT120	0.455	1.176	0.833	0.263	0.333	0.370	1.667	1.250	0.556	0.370	0.357	0.000	1.200	1.053	1.143
40	FT120	0.000	0.000	-1.667	0.263	0.333	-0.741	-0.833	-1.250	-0.556	0.000	0.000	-0.526	-1.600	-1.316	-0.857
41	S50	1.364	-0.588		0.526	-0.333	0.741	0.000		0.278	-0.370	-0.357	-0.526		-1.316	-0.571
42	FT1	-0.455	-1.765	0.417	0.000	0.333	-1.111	-1.667	0.417	-0.278	0.741	0.000	-1.053	0.000	0.263	0.571
43	FT1	2.727	1.765	-2.083	0.789	-1.333	2.593	0.833	-2.083	1.667	0.000	1.786	1.053	-1.600	0.263	-1.143
44	FT120	-0.455	0.588	-2.500	0.000	0.333	-0.741	0.833	-1.250	-0.278	0.370	-0.714	1.053	-1.600	0.000	0.857
45	ペントレイ150	-0.455	-1.176	-1.250	-1.579	-1.667	-0.370	0.000	-0.417	0.000	0.370	-55.714	-72.105	-82.400	-141.316	-108.571
46	FT2	0.000	0.000	1.250	-0.789	-0.333	-0.370	-0.833	0.833	-0.278	-0.370	-0.714	0.000	1.200	0.000	-0.286
47	CF5200	3.636	-0.588	-0.833	2.105	0.000	3.333	0.000	-0.833	2.500	0.370	3.214	0.000	-1.200	2.368	0.286
48	FT120	0.000			0.526	0.333	-0.370			0.000	0.370	0.357			0.263	0.000
49	FT2	0.909	0.000	1.667	1.316	1.000	1.111	0.833	1.250	1.111	0.370	0.714	0.000	1.600	0.526	0.000
50	FT120	1.818	1.176	0.417	1.053	0.000	1.481	-1.667	1.667	0.278	-1.111	1.786	-0.526	2.000	1.316	0.286
51	FT120	-1.364			0.526	1.667	-4.815			-2.222	1.852	1.429			2.105	1.714
52	S50	-0.455	-2.941		-2.105	-2.000	-0.741	-2.500		-1.667	-1.481	-0.357	-1.053		-2.105	-1.429
53	FT2	-0.909	-0.588	-0.833	0.000	0.667	0.000	0.000	-2.083	0.278	0.370	-0.714	0.000	-0.800	-0.263	0.000
54	FT2	0.000	1.176	0.000	0.263	0.333	0.370	0.833	-0.417	0.278	0.370	-0.357	1.053	0.400	1.053	0.286
55	FT120	0.000	0.588	0.000	-0.526	-0.333	-0.741	-1.667	0.000	-1.389	-1.111	0.357	-1.579	0.000	-0.263	-0.286
56	FT120	-1.364	0.588	0.833	-1.053	0.333	-0.741	0.000	0.417	-1.111	-0.370	-0.714	0.526	0.400	-0.789	0.000
57	FT120	-1.364	1.176	0.417	-0.526	0.333	-1.481	0.833	0.417	-1.111	0.000	-1.071	1.053	0.400	-0.526	0.000
58	S50	0.455	0.000		1.053	0.333	-0.370	0.833		1.111	0.741	0.357	-2.105		-0.526	-0.571
59	ラクトスコープFIR	-1.364	-0.588	0.417	-1.842	0.000	-0.741	0.833	1.250	-0.833	0.370	-0.357	0.000	0.800	-0.789	-1.143

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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(%)	3.98	3.42	4.55	12.92	8.94	4.05	3.35	4.51	12.88	8.83	3.63	3.21	4.50	12.31
	標準偏差	0.022	0.017	0.024	0.038	0.030	0.027	0.012	0.024	0.036	0.027	0.028	0.019	0.025	0.038	0.035
60	FT6000	-0.455	0.000	0.833	0.000	0.333	0.000	0.000	0.417	0.278	0.370	0.000	0.526	0.400	-0.526	-0.286
61	G・TMSC	-1.364			1.842	3.333	-1.852			2.778	5.556	-1.071			1.316	2.571
62	FT2	-1.364	1.765	0.417	-1.579	-1.667	-1.111	1.667	-0.417	-1.111	0.370	-0.714	0.526	0.000	0.263	-0.286
63	FT1	-1.364	0.000	0.833	0.000	-0.333	-0.741	0.000	0.000	0.278	-0.741	-1.429	0.000	0.800	0.263	-0.857
64	Minor	-2.727	0.000	0.833	-1.579	0.000	-2.593	-0.833	0.833	-2.500	-0.741	1.071	0.526	0.800	0.789	-0.286
65	FT120	0.455	1.765	0.000	2.368	2.667	0.000	0.833	-0.417	0.833	1.111	0.357	0.000	-0.800	0.000	0.000
66	FT120	-0.455			0.526	0.667	0.000			0.556	0.741	-0.357			0.526	0.857
67	FT120	-1.818	0.000	0.000	-0.263	1.000	-1.852	0.000	0.000	-0.556	1.111	-1.786	-0.526	0.000	-0.526	0.857
68	FT2	0.000	0.000	0.833	-1.316	-0.667	0.000	0.000	0.000	-1.389	-0.370	0.000	0.526	0.800	-0.526	0.000
69	Minor	0.000	2.941	-2.083	-0.526	1.333	-0.370	15.833	-0.833	-0.278	1.481	0.000	-3.158	-0.800	0.000	-2.571
70	FT120	-0.455	-0.588	-1.667	-1.316	-2.000	-0.370	-1.667	-1.250	-0.278	-1.111	0.000	-1.053	-0.800	-1.579	-2.000
71	FT120	-2.273			-1.316	0.000	-2.222			-1.111	0.741	-1.429			-1.053	0.286
72	FT120	0.000	0.000	-0.833	-0.263	0.000	-0.741	0.000	-0.833	-0.833	-0.370	-0.714	0.526	-1.200	0.263	1.143
73	FT2	0.000	-1.176	0.417	0.789	0.333	0.370	-1.667	-0.417	1.111	0.370	1.429	0.000	0.400	0.263	0.000
74	FT120	0.000	0.588	0.417	-1.316	-1.667	-1.481	-0.833	0.000	-2.500	-2.222	1.429	-1.053	-0.800	-0.263	-0.857
75	133	0.909	-0.588	-2.083	0.000	-1.000	1.111	-0.833	-2.917	-0.556	-1.852	1.429	0.000	-2.400	0.263	-0.571
76	S50	0.455	2.941		0.526	0.333	0.370	5.833		1.111	1.111	0.357	2.632		1.579	1.714
77	G・SS	0.909			0.789	0.333	0.741			1.111	0.741	0.714			1.053	0.857
78	FT120	0.455	1.176	0.000	0.263	0.000	0.370	1.667	0.000	-0.278	-0.741	0.000	1.053	0.000	0.263	0.571
79	FT120	1.364	-1.176		0.263	-0.667	1.481	-2.500		-0.278	-1.481	1.429	-1.579		-0.789	-1.714
80	FT120	0.000			-0.263	-0.333	-0.370			-0.556	-0.370	0.000			0.000	0.286
81	FT120	1.364	0.588	0.417	1.842	1.333	0.741	0.833	1.250	1.667	1.111	0.357	1.579	0.800	1.316	1.429
82	FT120	-1.364	-1.176	-0.833	-0.526	0.333	-1.852	-0.833	-0.833	-0.833	0.741	-0.714	0.000	-0.800	-0.263	0.571
83	S50	0.455	-0.588		1.579	1.667	0.000	0.833		1.667	2.222	1.429	0.000		1.842	1.143
84	FT2	1.818	-1.176	-0.833	-0.263	-0.333	1.852	-1.667	-1.250	0.556	0.741	2.143	-0.526	0.000	2.105	0.571
85	S50	-0.455	0.588	1.250	-0.789	-0.667	-0.741	0.833	1.250	-0.556	0.370	0.000	-1.579	0.800	0.263	0.571
86	FT120	0.455	0.000	-0.833	0.526	0.000	-0.370	0.833	-0.833	0.556	1.111	0.714	1.053	-0.400	1.316	1.143
87	ラクトスコープFTIR	-0.455	-1.176		-0.789	-0.667	-0.741	-0.833		-1.111	-0.741	-0.357	-0.526		-1.579	-0.857
88	S50	0.455	-1.176	0.000	0.263	0.000	0.370	-0.833	0.000	0.833	0.741	1.429	0.526	0.000	1.842	1.429
89	FT1	0.000	-1.176	0.417	0.000	0.000	-0.370	-2.500	0.000	0.000	-1.111	0.000	-1.053	1.200	-0.263	-1.143
90	FT120	0.000	1.176	0.833	0.263	1.333	-0.370	0.833	1.667	-0.278	0.741	0.000	0.000	1.600	1.053	0.571
91	FT120	1.818	1.176	0.833	0.789	-0.667	1.481	0.000	0.417	0.278	-1.111	1.786	-1.053	0.400	1.053	0.000
92	ラクトスコープ	-0.909	0.588		0.263	1.333	-1.481	0.000		-1.389	-0.370	-1.786	-3.158		-4.737	-3.429
93	FT120	0.909	0.000	0.833	0.789	0.000	0.741	0.000	0.417	0.556	-0.370	1.071	0.000	0.400	0.789	-0.286
94	G・SS	0.000			1.579	2.000	1.111			3.056	2.963	1.786			0.789	-0.286
95	S50	0.909	-3.529	-0.417	-0.526	-1.333	0.741	-1.667	-0.417	0.556	0.000	0.357	2.105	0.000	2.105	2.286
96	S50	-1.364	0.588		0.263	3.333	-2.593	0.833		-0.278	2.963	-2.500	-1.579		-0.263	-0.571
97	FT2	-0.455	0.000	0.417	-0.789	0.333	-0.370	0.833	0.417	-0.833	0.370	0.000	0.526	0.800	-1.579	-0.286
98	G・SS	-25.455			7.895	-3.333	-2.593			5.556	9.630	5.000			5.263	2.000
99	G・K・SS	0.909	-1.765		0.526	0.000	1.852	-0.833		0.000	-1.852	2.500	-1.053		0.789	-0.857
100	G・TMSC	0.455			0.789	0.333	0.370			-1.111	-1.852	-0.714			-1.579	-0.571

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
K ケルダール法