

平成26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(%) | 3.91 | 3.35 | 4.46 | 12.72 | 8.82 | 3.73 | 3.30 | 4.50 | 12.54 | 8.80 | 3.65 | 3.19 | 4.47 | 12.31 | 8.65 |
| | | 標準偏差 | 0.019 | 0.014 | 0.023 | 0.035 | 0.030 | 0.023 | 0.015 | 0.021 | 0.039 | 0.030 | 0.025 | 0.018 | 0.027 | 0.047 | 0.037 |
| 1 | CF6500 | 1.053 | -0.714 | 0.435 | 0.571 | -0.667 | 0.435 | 0.000 | 0.000 | -0.256 | -0.333 | 0.800 | 0.000 | -0.741 | 0.000 | -0.270 | |
| 2 | CFFT+ | 0.000 | 0.000 | 0.435 | 0.286 | 0.333 | -0.435 | 0.667 | 0.476 | 0.000 | 0.333 | 0.000 | 0.000 | -0.370 | 0.426 | -0.270 | |
| 3 | FT120 | -1.053 | — | — | -0.857 | -0.667 | -0.870 | — | — | -0.256 | 0.667 | -0.800 | — | — | 0.000 | 0.811 | |
| 4 | CF6400 | 0.000 | -0.714 | -0.435 | -0.571 | -1.000 | -0.435 | 0.000 | 0.000 | -0.769 | 0.000 | 0.400 | 0.000 | -0.741 | -0.213 | -0.270 | |
| 5 | CFFT+ | 1.053 | -1.429 | 0.000 | 0.000 | -1.000 | 0.435 | -2.000 | -0.952 | -1.026 | -1.333 | 0.800 | -1.111 | -1.111 | -0.851 | -1.351 | |
| 6 | FT120 | -0.526 | -1.429 | -1.304 | -0.286 | -0.333 | 0.435 | -1.333 | -1.429 | 0.000 | 0.000 | 0.400 | -1.111 | -1.481 | 0.213 | 0.270 | |
| 7 | CF6400 | 0.526 | 0.000 | -0.435 | 0.000 | -0.667 | -0.435 | 0.667 | -0.952 | -0.769 | -0.333 | 0.000 | 0.556 | -0.741 | -0.426 | -0.270 | |
| 8 | CF6400 | 0.000 | -0.714 | -0.435 | -0.571 | -1.333 | -0.870 | 0.000 | -0.952 | -1.282 | -0.667 | -0.400 | 0.000 | -1.111 | -0.851 | -0.541 | |
| 9 | FT120 | -0.526 | -0.714 | 0.000 | -1.143 | -1.333 | -0.870 | 0.667 | 0.476 | -1.026 | -0.667 | 0.000 | 0.556 | 0.370 | -0.426 | -1.081 | |
| 10 | FT1 | 0.526 | — | — | -0.286 | -1.000 | -0.870 | — | — | -1.282 | -0.667 | -1.600 | — | — | -1.702 | -0.541 | |
| 11 | ラクトスコープ | 1.053 | 2.143 | 0.000 | 1.714 | 1.000 | 0.870 | 2.000 | -0.476 | 0.769 | 0.667 | -0.800 | 0.000 | -1.111 | -1.489 | -1.081 | |
| 12 | CFFT+ | 0.526 | -0.714 | -0.870 | -1.143 | -2.000 | -0.435 | 0.000 | -0.952 | -1.795 | -1.667 | 0.000 | -0.556 | -1.111 | -1.915 | -2.162 | |
| 13 | FT1 | -1.579 | — | — | — | -2.000 | -1.739 | — | — | — | -2.333 | -3.200 | — | — | — | ※ | |
| 14 | FT6000 | -0.526 | -0.714 | 0.435 | 0.000 | -0.333 | -0.870 | 0.000 | 0.000 | -0.769 | 0.000 | 0.000 | 0.000 | -0.370 | -0.213 | 0.000 | |
| 15 | FT2 | -0.526 | -1.429 | 0.435 | 0.000 | 0.000 | 0.000 | -1.333 | -0.476 | -1.026 | -1.000 | -0.400 | 0.556 | 0.741 | -0.851 | -0.811 | |
| 16 | FT120 | -1.053 | — | — | -1.429 | -1.333 | -0.870 | — | — | -1.282 | -0.667 | -0.800 | — | — | 0.213 | -1.081 | |
| 17 | FT120 | -0.526 | -0.714 | -1.304 | -1.143 | -1.333 | -0.435 | -0.667 | -1.905 | -1.538 | -1.333 | -0.400 | -0.556 | -1.481 | -1.064 | -0.811 | |
| 18 | CF5200 | -0.526 | 0.000 | -0.435 | -0.286 | -0.667 | -0.870 | 0.667 | -0.952 | -0.769 | 0.000 | -0.800 | 0.556 | -1.481 | -0.851 | -0.541 | |
| 19 | FT6300UWF | 0.000 | 0.000 | 0.000 | 0.000 | -0.333 | -0.435 | 0.667 | -0.476 | -0.513 | 0.000 | 0.400 | 0.000 | -0.741 | -0.213 | -0.270 | |
| 20 | CFFT+ | 0.000 | -1.429 | 1.739 | 0.571 | 0.333 | -0.435 | -0.667 | 1.429 | 0.000 | 0.667 | 0.400 | -0.556 | 0.741 | 0.426 | 0.541 | |
| 21 | CFFT+ | -0.526 | -0.714 | 2.174 | 0.857 | 1.000 | -0.435 | 0.000 | 1.429 | 0.256 | 1.000 | 0.000 | 0.000 | 1.111 | 0.426 | 1.081 | |
| 22 | FT120 | -2.105 | — | — | -0.857 | 0.000 | -0.870 | — | — | 0.000 | 1.000 | -1.200 | — | — | 0.213 | 1.351 | |
| 23 | FT120 | 0.000 | -0.714 | 0.870 | 0.286 | 0.000 | 1.304 | 0.667 | 0.952 | 1.282 | 1.000 | 2.000 | 0.000 | 0.370 | 1.489 | 0.811 | |
| 24 | FT120 | -1.053 | — | — | -0.857 | -0.667 | 0.870 | — | — | 0.000 | -0.667 | 1.200 | — | — | 0.426 | 0.000 | |
| 25 | FT120 | -1.579 | 0.000 | -0.435 | -0.857 | -0.333 | -0.870 | 1.333 | -0.952 | 0.000 | 1.000 | -0.800 | 0.556 | -0.741 | 0.000 | 0.811 | |
| 26 | FT120 | 1.053 | — | — | 0.857 | 0.000 | 1.304 | — | — | 0.769 | 0.667 | 1.200 | — | — | 0.426 | 0.000 | |
| 27 | FT1 | -0.526 | — | — | 0.286 | 0.333 | -0.435 | — | — | 0.000 | 0.667 | -0.800 | — | — | 0.426 | 1.351 | |
| 28 | S50 | -1.053 | — | — | -1.429 | -1.667 | -0.870 | — | — | -1.795 | -1.333 | -0.800 | — | — | -1.702 | -1.351 | |
| 29 | FT120 | 0.526 | — | — | 0.286 | -0.333 | 0.000 | — | — | -0.256 | 0.000 | 0.400 | — | — | -0.213 | -0.270 | |
| 30 | FT120 | -1.053 | — | — | -1.429 | -1.667 | -0.435 | — | — | -1.026 | -0.667 | 0.000 | — | — | -0.851 | -1.351 | |
| 31 | FT120 | 0.000 | 0.000 | 0.870 | 0.286 | -0.333 | -0.435 | 0.667 | 0.000 | 0.000 | 0.000 | -0.400 | 0.556 | 0.000 | -0.213 | 0.000 | |
| 32 | FT120 | 0.526 | -2.143 | -1.304 | 0.857 | -0.667 | 0.000 | -0.667 | -0.952 | -0.513 | -0.333 | 0.800 | 0.000 | -1.852 | 0.213 | 0.000 | |
| 33 | FT120 | 0.526 | -1.429 | -1.739 | 0.000 | -1.667 | 0.435 | -0.667 | -0.952 | 0.769 | -0.667 | 0.000 | 0.000 | -1.111 | 0.426 | -1.351 | |
| 34 | FT120 | -1.053 | -1.429 | -0.870 | -1.429 | -1.667 | -0.435 | -0.667 | -0.952 | -1.026 | -1.000 | 0.000 | -0.556 | -0.741 | -0.426 | -1.081 | |
| 35 | Minor | -1.053 | — | — | -1.714 | -0.667 | 0.435 | — | — | -1.795 | -0.333 | 0.000 | — | — | -3.404 | -0.270 | |
| 36 | Minor | -1.053 | 0.000 | 0.870 | 0.000 | 0.333 | -0.870 | 0.667 | 0.476 | -0.256 | 0.667 | -0.800 | 0.000 | 0.000 | -0.426 | 0.270 | |
| 37 | S50 | -0.526 | 0.714 | -1.304 | -0.286 | -0.333 | -1.304 | 0.000 | -0.476 | -1.026 | 0.000 | -1.600 | -0.556 | -0.741 | -1.277 | -0.270 | |
| 38 | FT120 | 0.000 | — | — | — | 1.000 | 0.870 | — | — | — | 1.667 | 0.800 | — | — | — | 1.081 | |
| 39 | FT120 | 1.053 | 0.000 | 0.870 | 1.143 | 0.000 | 0.870 | 0.667 | 0.476 | 0.769 | 0.667 | 0.400 | 0.556 | 0.000 | 0.213 | 0.270 | |
| 40 | FT120 | -0.526 | -0.714 | 0.435 | -0.286 | -0.667 | -0.435 | 0.000 | 0.476 | -0.513 | 0.000 | -0.400 | 0.556 | 0.000 | -0.851 | -0.541 | |
| 41 | S50 | 0.526 | 1.429 | — | 0.571 | 0.000 | 0.000 | 0.667 | — | -0.256 | 0.000 | -0.400 | 0.000 | — | -1.064 | -0.270 | |
| 42 | FT120 | 0.000 | -0.714 | 0.000 | -0.286 | -0.667 | 0.000 | 1.333 | -0.476 | 0.000 | 0.333 | 0.400 | 0.000 | -0.741 | -0.213 | -0.270 | |
| 43 | FT1 | 0.526 | -0.714 | -0.435 | 0.000 | -0.333 | 0.870 | 0.000 | -0.476 | 0.000 | -1.667 | 0.800 | 0.000 | 0.000 | 0.213 | -1.622 | |
| 44 | FT120 | -2.105 | -0.714 | -0.435 | -1.429 | -0.667 | -1.739 | 0.000 | -0.952 | -1.795 | -0.667 | -0.800 | 0.556 | -0.741 | -0.638 | 0.000 | |
| 45 | ペントレイ150 | 0.000 | 0.000 | -0.435 | -0.571 | -1.333 | 0.870 | 1.333 | 0.952 | 1.026 | 1.000 | 1.200 | 0.000 | 0.741 | 0.851 | 0.541 | |
| 46 | FT2 | 0.526 | 0.714 | 1.304 | 1.714 | 1.667 | -0.435 | 0.667 | 0.952 | 0.513 | 1.333 | 0.000 | 0.556 | 1.481 | 1.277 | 1.081 | |
| 47 | CF5200 | 0.526 | -0.714 | 0.870 | 0.571 | 0.000 | 0.870 | 0.000 | 0.476 | 0.513 | 0.333 | 1.200 | 0.000 | 0.000 | 0.851 | 0.270 | |
| 48 | FT120 | 1.579 | 0.000 | — | 0.571 | 1.000 | 1.739 | ※ | — | 0.256 | 1.333 | 1.200 | ※ | — | 0.851 | 0.811 | |
| 49 | FT2 | -0.526 | -2.143 | 0.000 | -1.143 | 0.000 | 0.000 | -1.333 | 0.000 | -1.282 | -0.333 | 0.000 | -1.111 | 0.000 | -1.277 | 0.270 | |
| 50 | FT120 | -0.526 | 0.714 | 0.435 | 0.286 | 0.333 | -0.435 | -0.667 | -0.952 | -1.282 | -1.000 | -0.800 | 0.556 | -0.741 | -0.851 | -0.270 | |
| 51 | G・SS | -0.526 | — | — | 0.857 | 1.000 | -1.304 | — | — | 0.256 | 1.667 | -2.000 | — | — | 0.000 | 1.622 | |
| 52 | FT120 | -2.105 | 0.000 | -0.435 | -0.857 | 0.000 | -1.304 | 0.667 | -0.476 | -0.769 | 0.333 | -0.800 | 0.556 | -0.370 | -0.213 | 0.270 | |
| 53 | S50 | -1.579 | 0.000 | — | -0.571 | 0.000 | -0.870 | 0.000 | — | -1.026 | -0.333 | -1.200 | -0.556 | — | -1.489 | -0.541 | |
| 54 | FT2 | -2.105 | -0.714 | 0.435 | -0.857 | 0.000 | -1.304 | 0.000 | 0.952 | -1.282 | 0.000 | -1.600 | 1.111 | 0.741 | -1.064 | 0.000 | |
| 55 | FT2 | -0.526 | 0.000 | 0.000 | -0.571 | -0.667 | 0.000 | 0.000 | -0.476 | -0.513 | -0.333 | 0.400 | 0.556 | 0.000 | 0.426 | 0.811 | |
| 56 | FT120 | -1.053 | 0.714 | 1.739 | 0.857 | 1.333 | -0.435 | 0.667 | 1.429 | 1.026 | 2.000 | -0.400 | -0.556 | 1.111 | 1.064 | 1.892 | |
| 57 | FT120 | -0.526 | -0.714 | -0.870 | -0.857 | -1.000 | -0.435 | 0.667 | -0.952 | -0.256 | -0.333 | -0.400 | 0.000 | -0.741 | -0.213 | -0.541 | |
| 58 | FT120 | -1.579 | 0.000 | -0.870 | -1.143 | -1.000 | -0.435 | 0.667 | -0.952 | -0.513 | -0.333 | 0.000 | 0.556 | -1.481 | -0.426 | -0.270 | |
| 59 | S50 | 0.000 | 0.000 | — | -0.571 | -1.333 | 0.870 | 0.667 | — | -1.026 | -1.333 | 0.000 | 1.667 | — | -2.128 | -2.162 | |
| 60 | ラクトスコープFTIR | 0.000 | 0.714 | -1.739 | 0.286 | 0.000 | -0.870 | 0.667 | -1.429 | 0.000 | -0.333 | -0.400 | 0.556 | -2.963 | 0.213 | -1.351 | |

平成26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 | 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(%) | 3.91 | 3.35 | 4.46 | 12.72 | 8.82 | 3.73 | 3.30 | 4.50 | 12.54 | 8.80 | 3.65 | 3.19 | 4.47 | 12.31 |
| | 標準偏差 | 0.019 | 0.014 | 0.023 | 0.035 | 0.030 | 0.023 | 0.015 | 0.021 | 0.039 | 0.030 | 0.025 | 0.018 | 0.027 | 0.047 | 0.037 |
| 61 | FT6000 | 0.000 | 0.000 | 0.435 | -0.286 | -0.667 | -0.435 | 0.667 | 0.000 | -0.769 | -0.333 | 0.400 | 0.556 | -0.370 | -0.426 | -0.541 |
| 62 | FT1 | -2.105 | -2.143 | 1.739 | -0.286 | 0.667 | -2.174 | -1.333 | 1.905 | -0.513 | 0.000 | -1.200 | -1.111 | 1.852 | 0.213 | -0.270 |
| 63 | FT120 | -0.526 | -2.143 | -0.435 | -1.143 | -1.333 | -0.435 | -1.333 | -0.952 | -1.026 | -0.667 | -0.400 | -2.778 | -0.741 | -1.489 | -1.351 |
| 64 | FT120 | 2.105 | — | — | 0.857 | -0.667 | 0.000 | — | — | 0.256 | 0.667 | 0.800 | — | — | 0.638 | 0.541 |
| 65 | FT120 | -0.526 | -0.714 | 0.000 | ※ | -1.000 | -0.870 | 0.000 | -0.476 | ※ | -0.333 | -0.400 | -0.556 | 0.000 | ※ | 0.000 |
| 66 | FT2 | -0.526 | 0.000 | 0.000 | 0.000 | -0.333 | 0.000 | 0.667 | 0.000 | 0.256 | 0.000 | 0.400 | 0.556 | 0.000 | 0.638 | 0.000 |
| 67 | Minor | -1.579 | -2.143 | 0.435 | -1.143 | -1.333 | -0.870 | 0.000 | 0.000 | -0.513 | 0.333 | -1.600 | -0.556 | -0.370 | -1.277 | -0.270 |
| 68 | FT120 | 0.526 | -1.429 | 0.000 | 1.143 | 0.667 | 0.435 | -0.667 | -0.476 | 0.256 | 0.333 | 1.200 | -1.111 | 0.000 | 0.426 | 0.000 |
| 69 | FT120 | -1.053 | — | — | 1.143 | 1.667 | 0.000 | — | — | 0.513 | 1.000 | 0.400 | — | — | 0.426 | 0.541 |
| 70 | FT120 | 0.526 | -0.714 | 2.609 | 0.286 | 0.000 | 0.435 | -0.667 | 2.381 | 0.000 | 0.000 | 0.000 | -0.556 | 1.852 | -0.213 | 0.000 |
| 71 | S50 | 0.526 | 0.000 | — | 0.000 | -0.333 | 0.870 | 0.000 | — | -0.513 | -1.000 | 1.200 | -0.556 | — | -0.851 | -1.622 |
| 72 | 133 | -1.053 | -1.429 | 0.870 | -0.571 | -0.333 | -0.870 | -0.667 | 0.476 | -0.769 | -0.333 | -1.200 | -0.556 | 0.000 | -0.851 | -0.270 |
| 73 | FT120 | ※ | 0.714 | 0.870 | 0.571 | ※ | -3.043 | 0.667 | 0.476 | 0.769 | ※ | -3.200 | 0.000 | 0.370 | 0.426 | 2.973 |
| 74 | 133 | 0.526 | -1.429 | 0.435 | 0.000 | -0.667 | 0.000 | -0.667 | 0.000 | -0.513 | -0.333 | 0.800 | -0.556 | -1.111 | -0.426 | -0.811 |
| 75 | S50 | -1.053 | -1.429 | 0.435 | 0.571 | 1.000 | 0.870 | -1.333 | 0.476 | 1.538 | 1.667 | 0.000 | -2.222 | 0.000 | 1.064 | 1.622 |
| 76 | G・SS | 1.053 | — | — | 0.000 | -1.333 | 2.174 | — | — | -0.256 | -2.000 | 0.000 | — | — | 0.000 | 0.270 |
| 77 | FT120 | 2.105 | 1.429 | ※ | ※ | ※ | 1.739 | 2.000 | ※ | ※ | ※ | 1.600 | 1.667 | ※ | ※ | ※ |
| 78 | FT120 | 0.000 | 0.000 | — | 0.286 | 0.000 | 0.870 | 1.333 | — | 0.256 | 0.000 | 1.200 | 0.556 | — | 0.213 | -0.270 |
| 79 | FT120 | 0.000 | — | — | 0.000 | 0.000 | 0.000 | — | — | -0.256 | 0.000 | 0.800 | — | — | -0.213 | -0.270 |
| 80 | FT120 | -0.526 | 0.714 | 0.000 | 0.286 | 0.333 | -0.435 | 2.000 | -0.952 | 0.256 | 0.667 | -0.400 | 2.222 | -0.741 | 0.426 | 1.081 |
| 81 | FT120 | -0.526 | 0.000 | 0.870 | -0.286 | -0.333 | 0.435 | 1.333 | 0.952 | 0.256 | 0.333 | 0.400 | 1.667 | 0.370 | 0.213 | 0.270 |
| 82 | S50 | ※ | 0.000 | — | ※ | 1.667 | ※ | -0.667 | — | 3.333 | 2.000 | ※ | -1.111 | — | 2.766 | 0.811 |
| 83 | FT2 | -1.053 | -1.429 | 2.174 | 0.571 | 0.667 | 0.000 | -1.333 | 2.381 | 0.256 | 0.667 | 0.400 | -1.667 | 2.222 | 0.000 | 0.000 |
| 84 | S50 | -2.632 | -0.714 | 0.000 | -1.429 | 0.000 | -0.435 | -2.000 | -0.476 | -0.256 | 0.333 | -0.400 | ※ | -0.370 | -0.426 | 0.000 |
| 85 | FT120 | 0.000 | -0.714 | -1.304 | -0.857 | -1.333 | 1.304 | 0.667 | -0.476 | 0.000 | -0.667 | 1.200 | 1.111 | -1.111 | 0.638 | 0.000 |
| 86 | ラクトスコープFTIR | 1.053 | -1.429 | — | -0.857 | -1.667 | -0.435 | -0.667 | — | -0.769 | -0.333 | -0.400 | -2.222 | — | -1.277 | -1.081 |
| 87 | S50 | 0.526 | 2.143 | 2.609 | 2.857 | 2.667 | 1.739 | 2.000 | 2.381 | 2.821 | 2.667 | 2.000 | 2.222 | 1.852 | 2.979 | 2.703 |
| 88 | S50 | 0.526 | 2.143 | 0.000 | 2.286 | 2.000 | 0.870 | 1.333 | 1.429 | 0.769 | 0.667 | 0.800 | 0.556 | 1.481 | 1.277 | 1.351 |
| 89 | FT120 | -0.526 | -0.714 | 0.000 | 0.000 | 0.000 | -0.435 | 0.667 | 0.952 | 0.000 | 0.333 | 0.000 | 1.111 | 0.000 | 0.213 | 0.000 |
| 90 | FT120 | 0.526 | 0.000 | 0.435 | 0.857 | 0.333 | 0.000 | 1.333 | 0.476 | -0.256 | 0.000 | 0.400 | 0.556 | 0.370 | -0.638 | -0.541 |
| 91 | ラクトスコープ | 2.632 | 1.429 | — | 2.286 | -0.333 | 1.739 | 1.333 | — | 2.051 | -0.667 | 1.200 | 0.556 | — | 1.915 | -2.973 |
| 92 | FT120 | 0.000 | 0.714 | -0.435 | 0.286 | -0.333 | 0.435 | 1.333 | -0.476 | 0.513 | 0.333 | 0.400 | 0.556 | -0.741 | 0.213 | 0.000 |
| 93 | G・SS | 2.105 | — | — | 3.143 | 2.000 | 0.870 | — | — | 2.051 | 2.333 | 2.000 | — | — | 1.064 | 0.270 |
| 94 | S50 | 0.526 | 0.714 | 2.174 | 2.000 | 1.667 | 0.870 | 1.333 | 2.381 | 2.051 | 2.333 | 0.800 | 1.667 | 1.481 | 1.702 | 1.892 |
| 95 | S50 | 0.000 | -1.429 | — | 1.143 | 0.667 | 0.870 | -2.000 | — | 0.769 | 0.667 | 0.400 | -2.778 | — | -0.213 | -0.270 |
| 96 | FT2 | -1.053 | 0.000 | -0.435 | 0.286 | -0.333 | -0.870 | 0.000 | -0.476 | 0.513 | -1.667 | -0.400 | 0.556 | 0.370 | 0.000 | -0.811 |
| 97 | G・SS | 1.053 | — | — | 2.571 | 2.000 | 2.174 | — | — | 2.564 | 1.667 | 2.000 | — | — | 1.915 | 1.351 |
| 98 | G・TMSC | ※ | — | — | 0.000 | 2.333 | -3.043 | — | — | 0.256 | 3.000 | -2.000 | — | — | 0.000 | 1.622 |

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

注) ※は検定にて除外された値のため対象外