



MILK SAMPLE RESULTS for 5 FEBRUARY 2019

Samples analysed by: Mériex NutriSciences. E-mail: za-info@mxns.com

Sample temperature at lab: 3.2 °C. Avg., max., min. & CV% are only those of cow's milk suppliers' results

| Sample Number | Ring Test (CA) | E coli (per ml) | Coli-forms (per ml) | Freezing point °C | % Added water | Bacto Count (x1K/ml) | Butterfat % | Protein % | Lactose % | SCC (x1,000/ml) | Milk Urea Nitrogen (mgN/dl) | Name | Note |
|---------------|----------------|-----------------|---------------------|-------------------|---------------|----------------------|-------------|-----------|-----------|-----------------|-----------------------------|------|-------------------------------|
| Avg* | | | | | | 28 | 3.88 | 3.25 | 4.71 | 337 | 15.2 | | * Trimmed mean, 20% discarded |
| Max | | | | | | 492 | 6.65 | 3.65 | 4.93 | 1,945 | 22.4 | | |
| Min | | | | | | 3 | 2.23 | 2.93 | 4.39 | 36 | 0.2 | | |
| CV% | | | | | | 165.6% | 15.1% | 5.3% | 2.2% | 98.7% | 24.7% | | |

| Spec. Raw Milk | Neg | Nil | < 10 | -0.512 to -0.540 | Nil | Unofficial: <200,000 | > 3.3 | > 3.0 | 4.5 – 5.1 | < 500,000 | 12 – 18 | Total plate count: <200,000/ml |
|----------------|-----|-----|------|------------------|-----|----------------------|-------|-------|-----------|-----------|---------|--------------------------------|
| 28466 | Neg | <10 | <10 | -0.520 | 0.0 | 17 | 3.71 | 3.11 | 4.72 | 745 | 11.1 | - |
| 28531 | Neg | <10 | 120 | -0.527 | 0.0 | 8 | 4.02 | 3.14 | 4.74 | 304 | 19.0 | - |
| 28534 | Neg | 20 | 40 | -0.521 | 0.0 | 7 | 3.38 | 3.10 | 4.80 | 185 | 16.4 | - |
| 28612 | Neg | <10 | 160 | -0.520 | 0.0 | 59 | | | | | | Sample too small |
| 29109 | Neg | <10 | 20 | -0.524 | 0.0 | 21 | 4.31 | 3.52 | 4.77 | 147 | 18.9 | - |
| 29267 | Neg | <10 | <10 | -0.520 | 0.0 | 40 | 3.93 | 3.27 | 4.51 | 724 | 17.3 | - |
| 29508 | Neg | <10 | 10 | -0.519 | 0.0 | 11 | 3.73 | 3.16 | 4.76 | 245 | 14.5 | - |
| 29509 | Neg | <10 | <10 | -0.526 | 0.0 | 11 | 3.94 | 3.14 | 4.75 | 328 | 18.6 | - |
| 29588 | Neg | <10 | 1080 | -0.524 | 0.0 | 34 | 3.98 | 3.25 | 4.51 | 587 | 17.8 | - |
| 29623 | Neg | <10 | 30 | -0.516 | 0.0 | 29 | 4.03 | 3.51 | 4.55 | 127 | 19.9 | - |
| 29624 | Neg | <10 | <10 | -0.521 | 0.0 | 108 | 4.27 | 3.50 | 4.60 | 229 | 18.8 | - |
| 29690 | Neg | <10 | 10 | -0.528 | 0.0 | 53 | 3.91 | 3.11 | 4.72 | 186 | 22.4 | - |
| 29726 | Neg | <10 | <10 | -0.528 | 0.0 | 15 | 3.67 | 3.21 | 4.81 | 225 | 12.2 | - |
| 29756 | Neg | 80 | 110 | -0.530 | 0.0 | 23 | | | | | | Sample too small |
| 29805 | Neg | <10 | <10 | -0.516 | 0.0 | 34 | 4.59 | 3.44 | 4.65 | 382 | 13.9 | - |
| 29828 | Neg | <10 | 10 | -0.523 | 0.0 | 17 | 3.66 | 3.25 | 4.69 | 135 | 15.7 | - |
| 29829 | Neg | <10 | 230 | -0.521 | 0.0 | 23 | 3.84 | 3.27 | 4.67 | 207 | 19.4 | - |
| 29830 | Neg | <10 | <10 | -0.526 | 0.0 | 19 | 3.75 | 3.16 | 4.74 | 475 | 13.6 | - |
| 29831 | Neg | <10 | 20 | -0.525 | 0.0 | 21 | 3.88 | 3.18 | 4.78 | 84 | 15.0 | - |
| 29848 | Neg | <10 | <10 | -0.518 | 0.0 | 3 | 4.58 | 3.16 | 4.80 | 36 | 4.8 | Individual cow |
| 29857 | Neg | <10 | <10 | -0.525 | 0.0 | 24 | 3.72 | 3.34 | 4.80 | 463 | 0.2 | - |
| 29885 | Neg | <10 | <10 | -0.529 | 0.0 | 16 | 3.36 | 3.11 | 4.77 | 543 | 12.2 | - |
| 29886 | Neg | 20 | 80 | -0.524 | 0.0 | 52 | 3.58 | 3.12 | 4.67 | 1246 | 15.1 | - |
| 29887 | Neg | <10 | 70 | -0.524 | 0.0 | 16 | 3.44 | 3.21 | 4.83 | 392 | 13.8 | - |
| 29900 | | | | | | | 3.70 | 3.38 | 4.93 | 286 | 13.9 | - |
| 29901 | Neg | <10 | 50 | -0.518 | 0.0 | 43 | 4.22 | 3.30 | 4.76 | 316 | 12.8 | - |
| 29919 | Neg | <10 | <10 | -0.547 | 0.0 | 78 | 3.02 | 2.79 | 4.20 | 1824 | 30.4 | - |
| 29924 | Neg | <10 | 20 | -0.532 | 0.0 | 9 | 6.65 | 3.12 | 4.69 | 612 | 13.3 | - |
| 29955 | Neg | <10 | 60 | -0.522 | 0.0 | 18 | 3.68 | 3.07 | 4.76 | 222 | 17.6 | - |
| 29996 | Neg | <10 | 40 | -0.522 | 0.0 | 8 | 3.88 | 3.01 | 4.80 | 146 | 15.8 | - |
| 29998 | Neg | <10 | 30 | -0.518 | 0.0 | 14 | 3.56 | 2.97 | 4.83 | 172 | 13.5 | - |
| 30003 | Neg | <10 | 290 | -0.517 | 0.0 | 15 | 3.27 | 3.08 | 4.75 | 237 | 11.9 | - |
| 30004 | Neg | 60 | 180 | -0.516 | 0.0 | 12 | 3.59 | 3.06 | 4.66 | 236 | 11.2 | - |
| 30008 | Neg | <10 | 110 | -0.515 | 0.0 | 23 | 4.04 | 3.14 | 4.39 | 407 | 20.4 | 3,226 |
| 30009 | Neg | <10 | 30 | -0.517 | 0.0 | 19 | 3.32 | 2.93 | 4.67 | 342 | 17.7 | 6,772 |
| 30037 | Neg | 10 | 40 | -0.516 | 0.0 | 26 | 4.03 | 3.18 | 4.65 | 469 | 14.7 | 2,534 |
| 30038 | Neg | 180 | 750 | -0.516 | 0.0 | 28 | 3.63 | 3.15 | 4.71 | 325 | 14.0 | 3,278 |
| 30050 | Neg | <10 | <10 | -0.521 | 0.0 | 37 | 4.53 | 3.60 | 4.57 | 275 | 13.4 | - |
| 30053 | Neg | 10 | 30 | -0.518 | 0.0 | 20 | 4.30 | 3.41 | 4.67 | 323 | 14.9 | - |
| 30102 | Neg | <10 | <10 | -0.520 | 0.0 | 10 | 2.23 | 3.65 | 4.59 | 303 | 16.7 | - |
| 30116 | Neg | <10 | 10 | -0.518 | 0.0 | 22 | 3.77 | 3.12 | 4.82 | 188 | 15.6 | - |
| 30125 | Neg | <10 | 70 | -0.525 | 0.0 | 74 | 4.39 | 3.46 | 4.75 | 352 | 12.3 | - |
| 30126 | Neg | <10 | 740 | -0.524 | 0.0 | 25 | 3.43 | 3.43 | 4.67 | 446 | 14.4 | - |
| 30128 | Neg | 10 | 280 | -0.515 | 0.0 | 22 | 3.48 | 3.31 | 4.69 | 595 | 9.8 | - |
| 30129 | Neg | <10 | 20 | -0.509 | 0.5 | 52 | 3.99 | 3.46 | 4.43 | 751 | 15.1 | - |
| 30130 | Neg | 290 | 580 | -0.519 | 0.0 | 44 | 3.57 | 3.04 | 4.79 | 168 | 13.7 | - |
| 30131 | Neg | <10 | 10 | -0.524 | 0.0 | 33 | 3.92 | 3.31 | 4.76 | 115 | 15.6 | - |
| 30132 | Neg | 300 | 900 | -0.523 | 0.0 | 39 | 3.93 | 3.29 | 4.76 | 133 | 16.3 | - |
| 30133 | Neg | 580 | 1190 | -0.520 | 0.0 | 36 | 4.75 | 3.52 | 4.71 | 196 | 17.7 | - |
| 30134 | Neg | 570 | 1220 | -0.520 | 0.0 | 37 | 4.77 | 3.51 | 4.71 | 189 | 18.0 | - |
| 30159 | Neg | 590 | 1030 | -0.520 | 0.0 | 36 | 3.61 | 3.05 | 4.80 | 184 | 13.4 | - |
| 30203 | Neg | <10 | <10 | -0.522 | 0.0 | 16 | | | | | | Sample too small |
| 30275 | Neg | <10 | 100 | -0.525 | 0.0 | 492 | 3.41 | 3.49 | 4.60 | 739 | 16.5 | - |
| 30276 | Neg | 70 | 180 | -0.528 | 0.0 | 88 | 4.60 | 3.30 | 4.59 | 1806 | 18.0 | - |
| 30277 | Neg | 90 | 150 | -0.521 | 0.0 | 109 | 4.72 | 3.29 | 4.59 | 1894 | 18.4 | - |
| 30278 | Neg | 40 | 160 | -0.522 | 0.0 | 143 | 4.03 | 3.15 | 4.70 | 1945 | 13.8 | - |
| 30279 | Neg | <10 | 120 | -0.519 | 0.0 | 36 | 3.66 | 3.35 | 4.78 | 260 | 11.9 | - |