



MILK SAMPLE RESULTS for 8 JANUARY 2019

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

Sample temperature at lab: 3.8 °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* | | | | | | | 3.74 | 3.15 | 4.75 | 267 | 18.1 | | * Trimmed mean, 20% discarded |
| Max | | | | | | | 4.75 | 3.83 | 4.89 | 1,034 | 24.2 | | |
| Min | | | | | | | 2.90 | 2.86 | 4.56 | 83 | 2.9 | | |
| CV% | | | | | | | 11.0% | 7.7% | 1.9% | 64.1% | 23.3% | | |

| 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 |
|----------------|-----|-----|------|------------------|-----|----------------------|-------|-------|-----------|-----------|---------|--------------------------------|
| 28294 | Neg | | | | | | 3.69 | 2.97 | 4.78 | 283 | 20.3 | - |
| 28990 | Neg | | | | | | 3.40 | 3.00 | 4.83 | 212 | 20.9 | - |
| 29013 | Neg | | | | | | 3.58 | 3.11 | 4.82 | 215 | 21.6 | - |
| 29014 | Neg | | | | | | 3.49 | 3.01 | 4.86 | 188 | 22.8 | - |
| 29227 | Neg | | | | | | 3.41 | 2.59 | 4.27 | 867 | 30.3 | - |
| 29413 | Neg | <10 | <10 | -0.524 | 0 | | 3.71 | 3.12 | 4.78 | 471 | 20.7 | - |
| 29415 | Neg | | | | | | 3.53 | 3.00 | 4.75 | 399 | 17.3 | 15,000 |
| 29416 | Neg | | | | | | 4.10 | 3.02 | 4.84 | 85 | 14.1 | 12,000 |
| 29423 | Neg | 20 | 30 | -0.524 | 0 | | 3.62 | 3.06 | 4.74 | 569 | 18.9 | - |
| 29424 | Neg | 10 | 60 | -0.523 | 0 | | 3.50 | 3.05 | 4.66 | 1034 | 16.7 | - |
| 29480 | Neg | | | | | | 4.20 | 3.44 | 4.62 | 222 | 21.1 | - |
| 29481 | Neg | | | | | | 3.99 | 3.28 | 4.78 | 335 | 19.1 | - |
| 29562 | | | | | | | 4.72 | 3.83 | 4.72 | 506 | 18.9 | - |
| 29563 | Neg | | | | | | 4.46 | 3.76 | 4.68 | 417 | 20.5 | - |
| 29591 | | | | | | | 4.50 | 3.51 | 4.59 | 233 | 19.4 | - |
| 29592 | Neg | | | | | | 4.16 | 3.49 | 4.63 | 168 | 19.0 | - |
| 29605 | Neg | | | | | | 3.73 | 3.13 | 4.72 | 211 | 24.2 | - |
| 29606 | Neg | | | | | | 4.03 | 3.39 | 4.57 | 348 | 22.0 | - |
| 29639 | Neg | | | | | | 3.76 | 2.95 | 4.79 | 152 | 23.4 | - |
| 29640 | Neg | | | | | | 3.56 | 3.14 | 4.74 | 166 | 21.0 | - |
| 29680 | Neg | | | | | | 3.97 | 3.35 | 4.73 | 472 | 17.8 | - |
| 29681 | Neg | | | | | | 3.91 | 3.35 | 4.74 | 367 | 20.3 | - |
| 29682 | Neg | | | | | | 4.17 | 3.35 | 4.60 | 1093 | 16.4 | - |
| 29683 | Neg | | | | | | 3.98 | 3.42 | 4.62 | 1207 | 19.3 | - |
| 29684 | Neg | | | | | | 3.66 | 3.31 | 4.56 | 486 | 22.6 | - |
| 29687 | Neg | | | | | | 3.48 | 3.08 | 4.81 | 244 | 12.6 | - |
| 29697 | Neg | | | | | | 3.41 | 2.90 | 4.65 | 569 | 11.6 | - |
| 29703 | Neg | | | | | | 3.90 | 2.98 | 4.67 | 254 | 15.9 | 5,511 |
| 29704 | Neg | | | | | | 3.66 | 2.98 | 4.78 | 201 | 16.9 | 5,436 |
| 29730 | Neg | | | | | | 2.90 | 2.97 | 4.78 | 236 | 15.3 | - |
| 29731 | Neg | | | | | | 3.17 | 3.02 | 4.84 | 83 | 16.1 | - |
| 29732 | Neg | | | | | | 3.09 | 3.00 | 4.87 | 227 | 17.1 | - |
| 29740 | Neg | | | | | | 2.67 | 3.59 | 4.75 | 1130 | 27.6 | - |
| 29745 | Neg | | | | | | 3.61 | 3.13 | 4.56 | 255 | 14.2 | 3,595 |
| 29746 | Neg | | | | | | 3.49 | 2.89 | 4.87 | 342 | 17.5 | 7,011 |
| 29798 | Neg | | | | | | 3.94 | 3.37 | 4.67 | 293 | 9.9 | 5,142 |
| 29799 | Neg | | | | | | 3.45 | 3.27 | 4.69 | 235 | 13.8 | 6,883 |
| 29815 | Neg | | | | | | 3.69 | 3.23 | 4.69 | 159 | 12.6 | - |
| 29818 | Neg | | | | | | 3.50 | 2.86 | 4.79 | 152 | 17.5 | - |
| 29819 | Neg | | | | | | 4.75 | 3.55 | 4.73 | 184 | 18.0 | - |
| 29859 | Neg | <10 | <10 | -0.550 | 0 | | 3.65 | 3.44 | 4.78 | 785 | 2.9 | - |
| 29874 | Neg | | | | | | 3.86 | 3.10 | 4.89 | 175 | 20.3 | - |
| 29877 | Neg | | | | | | 3.75 | 3.07 | 4.84 | 199 | 21.6 | - |
| 29929 | Neg | | | | | | 4.39 | 3.55 | 4.66 | 330 | 18.6 | - |
| 29986 | Neg | | | | | | 3.62 | 2.92 | 4.88 | 139 | 19.1 | - |
| 29990 | Neg | | | | | | 3.60 | 3.07 | 4.68 | 227 | 20.0 | - |