

MILK SAMPLE RESULTS for 13 MARCH 2018

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

Sample temperature at lab: 7.0 °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* | | | | | | 20 | 3.84 | 3.28 | 4.67 | 326 | 16.2 | | <i>* Trimmed mean, 20% discarded</i> |
| Max | | | | | | 119 | 4.74 | 3.69 | 4.94 | 1,014 | 23.9 | | |
| Min | | | | | | 4 | 1.88 | 2.97 | 4.25 | 73 | 10.9 | | |
| CV% | | | | | | 107.3% | 13.4% | 5.9% | 2.7% | 62.6% | 20.2% | | |

| 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 |
|----------------|-----|-----|------|-----------------|-----|----------------------|-------|-------|-----------|-----------|---------|--------------------------------|
| 26898 | - | - | - | - | - | 14 | 3.08 | 3.47 | 4.94 | 73 | 18.0 | |
| 26910 | - | - | - | - | - | 20 | 3.99 | 3.41 | 4.66 | 443 | 18.1 | |
| 26913 | - | - | - | - | - | 71 | 3.87 | 3.54 | 4.64 | 518 | 12.4 | |
| 26916 | Neg | 80 | 140 | -0.510 | 0.3 | 663 | 3.25 | 3.03 | 4.17 | 1747 | 22.9 | |
| 26928 | - | - | - | - | - | 12 | 3.83 | 3.05 | 4.57 | 232 | 23.9 | |
| 26964 | - | - | - | - | - | 15 | 4.42 | 3.32 | 4.66 | 642 | 21.7 | |
| 26968 | - | - | - | - | - | 40 | 4.04 | 3.39 | 4.46 | 680 | 15.6 | |
| 26969 | - | - | - | - | - | 11 | 4.19 | 3.41 | 4.65 | 267 | 26.5 | |
| 27034 | - | - | - | - | - | 24 | 3.70 | 3.22 | 4.65 | 303 | 19.7 | |
| 27080 | - | - | - | - | - | 21 | 4.03 | 3.09 | 4.70 | 308 | 15.5 | |
| 27100 | - | - | - | - | - | 4 | 3.51 | 3.22 | 4.73 | 191 | 15.3 | |
| 27104 | - | - | - | - | - | 6 | 3.94 | 3.21 | 4.75 | 269 | 19.5 | |
| 27141 | - | - | - | - | - | | 4.42 | 3.69 | 4.47 | 299 | 17.5 | |
| 27142 | - | - | - | - | - | 32 | 4.70 | 3.68 | 4.50 | 304 | 17.6 | |
| 27176 | - | <10 | 50 | - | - | 107 | 4.10 | 3.35 | 4.54 | 844 | 12.5 | |
| 27178 | - | <10 | <10 | - | - | 58 | 3.44 | 3.16 | 4.73 | 874 | 10.9 | |
| 27193 | Neg | - | - | - | - | 15 | 3.65 | 3.12 | 4.74 | 261 | 12.0 | |
| 27205 | - | - | - | - | - | 59 | 3.91 | 3.17 | 4.80 | 393 | 15.8 | |
| 27206 | - | - | - | - | - | 97 | 3.72 | 3.07 | 4.76 | 77 | 18.5 | |
| 27220 | Neg | - | - | -0.522 | 0 | 17 | 3.88 | 3.14 | 4.81 | 319 | 16.0 | |
| 27257 | - | - | - | - | - | 10 | 3.71 | 3.23 | 4.68 | 151 | 18.0 | |
| 27263 | - | - | - | - | - | 31 | 4.16 | 3.28 | 4.54 | 520 | 19.4 | |
| 27264 | - | - | - | - | - | 15 | 3.55 | 2.97 | 4.71 | 457 | 16.8 | |
| 27271 | - | - | - | - | - | 579 | 5.01 | 4.50 | 3.66 | 1299 | 8.9 | |
| 27283 | - | - | - | - | - | 10 | 3.49 | 3.13 | 4.61 | 202 | 11.9 | |
| 27284 | - | - | - | - | - | 15 | 4.15 | 3.25 | 4.66 | 314 | 12.8 | |
| 27297 | - | - | - | - | - | 6 | 3.30 | 2.99 | 4.80 | 114 | 12.9 | |
| 27298 | - | - | - | - | - | 12 | 4.74 | 3.56 | 4.71 | 141 | 12.8 | |
| 27299 | - | - | - | - | - | 7 | 3.75 | 3.23 | 4.67 | 190 | 14.7 | |
| 27322 | - | <10 | 1000 | - | - | 45 | 1.88 | 3.38 | 4.80 | 77 | 23.2 | |
| 27323 | - | <10 | 990 | - | - | 52 | 4.67 | 3.63 | 4.25 | 600 | 13.7 | |
| 27329 | - | - | - | - | - | 13 | 4.20 | 3.56 | 4.70 | 313 | 23.8 | |
| 27360 | - | 30 | 80 | - | - | 12 | 3.68 | 3.39 | 4.74 | 245 | 14.1 | |
| 27361 | - | 20 | 20 | - | - | 17 | 4.49 | 3.51 | 4.69 | 318 | 16.3 | |
| 27367 | - | - | - | - | - | 17 | 3.77 | 3.25 | 4.71 | 300 | 14.9 | |
| 27382 | - | - | - | - | - | 16 | 3.68 | 3.28 | 4.68 | 449 | 13.4 | |
| 27383 | - | - | - | - | - | 17 | 3.60 | 3.28 | 4.71 | 417 | 16.7 | |
| 27388 | - | - | - | - | - | 8 | 3.94 | 3.26 | 4.71 | 415 | 16.1 | Sample bottle overfull |
| 27389 | - | - | - | - | - | 4 | 3.58 | 3.20 | 4.70 | 209 | 16.5 | Sample bottle overfull |
| 27416 | - | 10 | 30 | - | - | 27 | 4.15 | 3.41 | 4.46 | 565 | 13.8 | |
| 27443 | - | 370 | 370 | - | - | 15 | 4.07 | 3.46 | 4.51 | 477 | 14.4 | |
| 27467 | - | - | - | - | - | 14 | 3.38 | 3.06 | 4.62 | 657 | 18.9 | |
| 27468 | - | - | - | - | - | 12 | 3.87 | 3.30 | 4.64 | 288 | 22.6 | |
| 27469 | Neg | 10 | 230 | -0.522 | 0 | 119 | 3.91 | 3.41 | 4.40 | 1014 | 16.5 | |
| 27484 | Neg | <10 | <10 | -0.515 | 0 | 12 | 4.58 | 3.69 | 4.73 | 141 | 20.0 | Small sample |
| 27488 | - | - | - | - | - | 23 | 3.32 | 3.15 | 4.62 | 668 | 13.8 | |
| 27533 | - | - | - | - | - | 10 | 3.46 | 3.08 | 4.77 | 199 | 19.5 | |