



MILK SAMPLE RESULTS for 10 OCTOBER 2023

Analysed by: Mérieux NutriSciences, Midrand E-mail: za.customercare@mxns.com

Temp.: 2.2°C - Avg., max., min. & CV% of cow's milk only - Nos. in BLUE are unofficial

| Sample Number | Freezing point °C | Added water % | Bacto Count cfu x 1K/ml | Butterfat % | Protein % | Lactose % | SCC x1K/ml | Milk Urea Nitrogen mgN/dl | Name | |
|---------------|-------------------|---------------|-------------------------|-------------|-----------|-----------|------------|---------------------------|------|--|
|---------------|-------------------|---------------|-------------------------|-------------|-----------|-----------|------------|---------------------------|------|--|

| | | | | | | | | | | |
|-------------|--|--|-------|-------|------|------|-------|------|-------------------------------|--|
| Avg* | | | 20 | 4.10 | 3.33 | 4.83 | 285 | 16.9 | * Trimmed mean, 20% excluded | |
| Max | | | 1,915 | 13.43 | 3.80 | 4.99 | 1,078 | 27.1 | 55 cow's milk but 11 excluded | |
| Min | | | 3 | 3.10 | 2.85 | 4.55 | 110 | 3.3 | | |
| CV% | | | 365% | 31% | 6% | 2% | 60% | 25% | | |

| Specif. Raw Milk | -0.512 to -0.540 | Nil | Unofficial: <200,000 | > 3.3 | > 3.0 | 4.5 – 5.1 | < 500,000 | 12 – 18 | Comment |
|------------------|------------------|-----|----------------------|-------|-------|-----------|-----------|---------|---------|
|------------------|------------------|-----|----------------------|-------|-------|-----------|-----------|---------|---------|

| | | | | | | | | | | |
|----|-------|--------|-----|------|------|------|------|------|-------|---|
| 1 | 41160 | | 13 | 4.00 | 3.14 | 4.80 | 131 | 22.6 | - | |
| 2 | 42561 | | 26 | 4.26 | 3.45 | 4.83 | 441 | 16.3 | - | |
| 3 | 43499 | | 9 | 4.19 | 3.30 | 4.83 | 172 | 14.7 | - | |
| 4 | 43582 | | 413 | 3.99 | 3.33 | 4.83 | 179 | 22.3 | - | |
| 5 | 43668 | | 15 | 3.81 | 3.39 | 4.83 | 245 | 13.3 | - | |
| 6 | 43669 | | 20 | 4.40 | 3.35 | 4.86 | 345 | 13.8 | - | |
| 7 | 43817 | | 25 | 3.45 | 3.13 | 4.86 | 131 | 20.0 | - | |
| 8 | 43818 | | 8 | 3.53 | 3.16 | 4.81 | 210 | 16.7 | - | |
| 9 | 43862 | | 22 | 4.26 | 3.24 | 4.90 | 202 | 17.5 | - | |
| 10 | 43913 | | 179 | 4.50 | 3.50 | 4.80 | 645 | 12.7 | - | |
| 11 | 43950 | | 8 | 3.49 | 2.85 | 4.79 | 123 | 15.5 | - | |
| 12 | 44014 | | 19 | 4.82 | 3.45 | 4.90 | 234 | 16.6 | - | |
| 13 | 44026 | | 38 | 4.39 | 3.48 | 4.87 | 200 | 19.6 | - | |
| 14 | 44032 | | 5 | 4.52 | 3.29 | 4.84 | 242 | 15.4 | - | |
| 15 | 44033 | | 5 | 4.00 | 3.28 | 4.87 | 130 | 13.1 | - | |
| 16 | 44096 | | 10 | 3.91 | 3.44 | 4.82 | 263 | 18.2 | - | |
| 17 | 44099 | | 79 | 3.96 | 3.45 | 4.83 | 275 | 17.8 | - | |
| 18 | 44102 | | 11 | 4.38 | 3.39 | 4.99 | 121 | 12.1 | - | |
| 19 | 44110 | | 23 | 4.30 | 3.46 | 4.83 | 274 | 15.7 | - | |
| 20 | 44114 | | 37 | 4.75 | 3.69 | 4.71 | 473 | 8.4 | - | |
| 21 | 44127 | | 39 | 4.52 | 3.56 | 4.77 | 378 | 16.6 | - | |
| 22 | 44149 | | 12 | 3.94 | 3.13 | 4.94 | 124 | 18.0 | - | |
| 23 | 44155 | | | 4.09 | 3.39 | 4.79 | 337 | 16.0 | - | |
| 24 | 44156 | | | 4.13 | 3.35 | 4.87 | 375 | 18.0 | - | |
| 25 | 44157 | -0.525 | 0.0 | 30 | 3.72 | 3.44 | 4.90 | 380 | 18.2 | - |
| 26 | 44172 | | 15 | 3.92 | 3.55 | 4.83 | 433 | 14.9 | - | |
| 27 | 44177 | | 4 | 4.00 | 3.18 | 4.86 | 133 | 14.5 | - | |
| 28 | 44178 | | 3 | 4.52 | 3.28 | 4.85 | 180 | 16.0 | - | |
| 29 | 44197 | | 8 | 3.76 | 3.42 | 4.86 | 466 | 14.0 | - | |
| 30 | 44199 | | 99 | 4.04 | 3.62 | 4.71 | 573 | 16.5 | - | |
| 31 | 44206 | | 405 | 3.64 | 3.29 | 4.82 | 544 | 19.2 | - | |
| 32 | 44208 | | 33 | 4.44 | 3.45 | 4.80 | 325 | 22.4 | - | |
| 33 | 44240 | | 13 | 4.28 | 3.35 | 4.75 | 358 | 27.1 | 6,239 | |
| 34 | 44241 | | 8 | 3.10 | 3.11 | 4.84 | 136 | 19.8 | 7,923 | |
| 35 | 44242 | | 10 | 3.66 | 3.20 | 4.88 | 198 | 15.0 | 5,913 | |
| 36 | 44254 | | 20 | 4.11 | 3.27 | 4.64 | 288 | 24.5 | - | |
| 37 | 44255 | | 9 | 4.01 | 3.14 | 4.86 | 110 | 21.5 | - | |
| 38 | 44260 | | 11 | 4.26 | 2.93 | 4.79 | 286 | 18.8 | - | |
| 39 | 44296 | | 16 | 4.11 | 3.16 | 4.82 | 122 | 21.4 | - | |
| 40 | 44300 | | 15 | 3.91 | 3.44 | 4.74 | 406 | 22.9 | - | |

| Sample Number | Freezing point °C | Added water % | Bacto Count cfu x 1K/ml | Butterfat % | Protein % | Lactose % | SCC x1K/ml | Milk Urea Nitrogen mgN/dl | Name |
|---------------|-------------------|---------------|-------------------------|-------------|-----------|-----------|------------|---------------------------|------|
| 41 | | | 11 | 4.28 | 3.28 | 4.76 | 503 | 17.9 | - |
| 42 | | | 71 | 4.20 | 3.40 | 4.73 | 800 | 17.9 | - |
| 43 | | | 21 | 4.11 | 3.47 | 4.84 | 331 | 19.6 | - |
| 44 | | | 8 | 3.78 | 3.08 | 4.86 | 323 | 16.6 | - |
| 45 | | | 10 | 4.22 | 3.45 | 4.83 | 133 | 12.4 | - |
| 46 | | | 9 | 3.86 | 3.20 | 4.88 | 113 | 10.7 | - |
| 47 | | | 11 | 4.96 | 3.78 | 4.78 | 131 | 9.4 | - |
| 48 | | | 16 | 3.62 | 3.16 | 4.89 | 231 | 15.3 | - |
| 49 | | | 12 | 3.87 | 3.14 | 4.87 | 340 | 12.2 | - |
| 50 | | | 43 | 3.86 | 3.16 | 4.85 | 262 | 19.9 | - |
| 51 | | | 11 | 4.02 | 3.26 | 4.87 | 238 | 14.7 | - |
| 52 | -0.519 | 0.0 | 25 | 4.09 | 3.37 | 4.89 | 424 | 19.5 | - |
| 53 | | | 15 | 4.46 | 3.80 | 4.67 | 468 | 17.0 | - |
| 54 | | | 24 | 4.79 | 3.80 | 4.63 | 482 | 20.6 | - |
| 55 | | | 1915 | 13.43 | 2.95 | 4.55 | 1078 | 3.3 | - |

— END OF REPORT —