



MILK SAMPLE RESULTS for 21 JANUARY 2020

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

Sample temperature at lab: 3.3 °C. Avg., max., min. & CV% are only those of cow's milk

| 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* | | | 45 | 3.89 | 3.20 | 4.78 | 380 | 19.4 | * Trimmed mean, 20% excluded |
| Max | | | 946 | 6.87 | 3.57 | 4.93 | 2,068 | 26.9 | 56 cow's milk samples but 11 excluded |
| Min | | | 6 | 2.96 | 2.90 | 4.45 | 92 | 12.6 | |
| CV% | | | 198.3% | 16.0% | 5.6% | 1.8% | 81.7% | 16.3% | |



| Specif. Raw Milk | -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 |
|------------------|-----------------|-----|----------------------|-------|-------|-----------|-----------|---------|--------------------------------|
|------------------|-----------------|-----|----------------------|-------|-------|-----------|-----------|---------|--------------------------------|

| | | | | | | | | | |
|-------|--------|-----|-----|------|------|------|------|------|--------|
| 30941 | | | 670 | 3.00 | 3.07 | 4.76 | 1897 | 19.9 | - |
| 30943 | | | 946 | 3.55 | 3.25 | 4.69 | 2068 | 18.6 | - |
| 32409 | | | 35 | 3.49 | 3.13 | 4.81 | 508 | 17.8 | - |
| 32419 | | | 181 | 4.55 | 3.12 | 4.72 | 979 | 19.2 | - |
| 32460 | | | | 4.88 | 3.37 | 4.73 | 451 | 16.6 | - |
| 32461 | | | 45 | 4.36 | 3.45 | 4.79 | 476 | 21.8 | - |
| 32597 | | | 13 | 4.07 | 3.09 | 4.81 | 168 | 22.8 | 11,568 |
| 32680 | | | 75 | 3.98 | 3.15 | 4.78 | 434 | 20.4 | - |
| 32686 | | | 74 | 4.10 | 3.29 | 4.77 | 849 | 26.9 | - |
| 32763 | | | 72 | 3.56 | 3.07 | 4.79 | 423 | 21.0 | - |
| 32764 | | | 86 | 3.61 | 3.07 | 4.81 | 429 | 22.2 | - |
| 32775 | | | 6 | 3.52 | 3.00 | 4.84 | 212 | 20.1 | - |
| 32776 | | | 7 | 4.27 | 3.04 | 4.84 | 307 | 19.6 | - |
| 32848 | | | 73 | 2.96 | 2.93 | 4.80 | 348 | 18.6 | 7,219 |
| 32866 | | | 44 | 2.97 | 3.01 | 4.81 | 294 | 18.4 | - |
| 32867 | | | 57 | 3.18 | 3.01 | 4.75 | 384 | 18.6 | - |
| 32877 | | | | 4.17 | 3.53 | 4.71 | 281 | 19.2 | - |
| 32878 | | | 90 | 4.22 | 3.57 | 4.57 | 242 | 19.4 | - |
| 32961 | | | 22 | 4.46 | 3.39 | 4.71 | 604 | 18.8 | - |
| 32969 | | | 213 | 3.88 | 3.27 | 4.67 | 1106 | 22.9 | - |
| 32995 | | | 27 | 3.81 | 3.24 | 4.88 | 147 | 25.9 | - |
| 33004 | | | 20 | 3.89 | 3.33 | 4.71 | 393 | 22.0 | - |
| 33007 | | | 31 | 3.36 | 3.23 | 4.85 | 332 | 19.6 | - |
| 33042 | | | 40 | 4.15 | 3.29 | 4.71 | 517 | 21.0 | - |
| 33056 | | | 18 | 3.69 | 3.08 | 4.80 | 200 | 20.7 | - |
| 33080 | | | 25 | 3.81 | 3.21 | 4.89 | 216 | 20.2 | - |
| 33088 | | | 169 | 3.36 | 2.95 | 4.72 | 753 | 13.0 | - |
| 33094 | | | 18 | 3.56 | 3.00 | 4.87 | 273 | 18.4 | - |
| 33101 | | | 64 | 3.64 | 3.21 | 4.80 | 375 | 25.5 | - |
| 33131 | | | 33 | 3.79 | 3.04 | 4.78 | 350 | 22.6 | - |
| 33139 | | | 87 | 5.61 | 3.29 | 4.67 | 459 | 17.0 | - |
| 33141 | | | 21 | 3.23 | 3.17 | 4.93 | 250 | 13.9 | - |
| 33203 | -0.529 | 0.0 | 21 | 4.16 | 3.56 | 4.82 | 246 | 23.7 | - |
| 33204 | -0.531 | 0.0 | 18 | 4.56 | 3.56 | 4.77 | 287 | 26.9 | - |
| 33213 | | | 10 | 3.17 | 2.96 | 4.85 | 205 | 17.1 | - |
| 33214 | | | 15 | 3.65 | 3.26 | 4.78 | 203 | 15.8 | - |
| 33228 | | | 42 | 3.86 | 3.06 | 4.75 | 286 | 18.7 | 16,145 |
| 33229 | | | 23 | 4.13 | 3.22 | 4.70 | 339 | 18.0 | 16,147 |
| 33240 | | | 19 | 4.74 | 3.49 | 4.75 | 171 | 18.1 | - |
| 33259 | | | 39 | 4.05 | 2.90 | 4.83 | 92 | 19.7 | - |
| 33290 | | | 13 | 3.80 | 3.10 | 4.82 | 199 | 18.1 | - |
| 33291 | | | 18 | 3.84 | 3.13 | 4.81 | 217 | 17.2 | - |
| 33296 | | | 125 | 4.11 | 3.28 | 4.57 | 554 | 18.7 | - |
| 33299 | | | 645 | 6.87 | 3.12 | 4.45 | 1227 | 16.8 | - |
| 33315 | | | 15 | 3.90 | 3.05 | 4.82 | 447 | 20.0 | - |
| 33316 | | | 12 | 3.46 | 3.02 | 4.83 | 266 | 22.3 | - |
| 33355 | | | 20 | 3.79 | 3.51 | 4.77 | 264 | 21.4 | - |
| 33358 | | | 12 | 3.75 | 3.18 | 4.87 | 389 | 20.6 | - |
| 33366 | | | 53 | 4.40 | 3.46 | 4.62 | 409 | 15.4 | - |
| 33367 | | | 87 | 4.40 | 3.51 | 4.78 | 365 | 15.2 | - |

| 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 |
|---------------|-------------------|---------------|-------------------------|-------------|-----------|-----------|------------|---------------------------|-------|
| 33371 | | | 34 | 3.79 | 3.20 | 4.86 | 229 | 12.6 | - |
| 33372 | | | 66 | 3.81 | 3.33 | 4.76 | 427 | 18.4 | - |
| 33373 | | | 31 | 4.11 | 3.15 | 4.79 | 512 | 14.1 | - |
| 33374 | | | 67 | 4.07 | 3.27 | 4.73 | 661 | 15.0 | - |
| 33408 | | | 12 | 5.80 | 3.66 | 4.32 | 376 | 19.2 | - |
| 33420 | | | 24 | 3.87 | 3.11 | 4.88 | 378 | 20.3 | - |
| 33430 | | | 15 | 3.83 | 3.16 | 4.70 | 436 | 22.3 | 4,358 |



— END OF REPORT —