



MILK SAMPLE RESULTS for 14 APRIL 2020



Samples analysed by: Mériex NutriSciences, Midrand E-mail: za.customer@mxns.com

Sample temperature at lab: 2.2 °C. Avg., max., min. & CV% are only those of cow's milk

| Sample Number | Bacto Count <small>cfu x 1K/ml</small> | Butterfat % | Protein % | Lactose % | SCC <small>x1K/ml</small> | Milk Urea Nitrogen <small>mgN/dl</small> | Name |  |  |
|---------------|---|----------------|--------------|--------------|------------------------------|---|---|---|---|
| <i>Avg*</i> | 18 | 4.04 | 3.38 | 4.70 | 291 | 16.2 | <i>* Trimmed mean, 20% excluded</i> | | |
| <i>Max</i> | 1,074 | 5.66 | 4.01 | 4.91 | 596 | 23.4 | <i>46 cow's milk samples but 9 excluded</i> | | |
| <i>Min</i> | 3 | 2.94 | 3.02 | 4.50 | 62 | 5.4 | | | |
| <i>CV%</i> | 354.7% | 12.1% | 6.9% | 2.1% | 37.3% | 25.1% | | | |

| <i>Specif. Raw Milk</i> | <i>Unofficial: <200,000</i> | <i>> 3.3</i> | <i>> 3.0</i> | <i>4.5 – 5.1</i> | <i>< 500,000</i> | <i>12 – 18</i> | <i>Total plate count: <200,000/ml</i> |
|-------------------------|--------------------------------|-----------------|-----------------|------------------|---------------------|----------------|--|
|-------------------------|--------------------------------|-----------------|-----------------|------------------|---------------------|----------------|--|

| | | | | | | | |
|-------|------|------|------|------|------|------|-------------|
| 32545 | 15 | 4.00 | 3.23 | 4.53 | 488 | 12.8 | 3,719 |
| 32957 | 4 | 3.98 | 3.35 | 4.75 | 255 | 16.3 | - |
| 32958 | 6 | 3.78 | 3.35 | 4.71 | 188 | 17.1 | - |
| 33160 | 10 | 4.25 | 3.26 | 4.79 | 227 | 17.9 | 10,069 |
| 33458 | 11 | 3.89 | 3.02 | 4.69 | 252 | 21.4 | - |
| 33525 | 10 | 3.83 | 3.41 | 4.76 | 150 | 12.8 | - |
| 33538 | 40 | 5.08 | 3.90 | 4.50 | 299 | 5.4 | - |
| 33559 | 28 | 3.91 | 3.25 | 4.83 | 343 | 11.6 | - |
| 33590 | 17 | 4.12 | 3.56 | 4.63 | 387 | 16.6 | - |
| 33635 | 13 | 3.77 | 3.28 | 4.68 | 311 | 23.4 | - |
| 33662 | 14 | 3.92 | 3.30 | 4.78 | 241 | 18.9 | - |
| 33685 | 13 | 4.01 | 3.20 | 4.68 | 310 | 20.4 | - |
| 33688 | 15 | 3.44 | 3.12 | 4.70 | 249 | 12.5 | - |
| 33689 | 19 | 4.14 | 3.20 | 4.68 | 414 | 18.8 | - |
| 33714 | 14 | 3.45 | 3.08 | 4.83 | 185 | 15.6 | 8,220 |
| 33730 | 10 | 4.00 | 3.20 | 4.71 | 249 | 18.9 | 16,144 |
| 33731 | 16 | 4.06 | 3.29 | 4.66 | 288 | 18.6 | 15,155 |
| 33752 | 24 | 3.67 | 3.20 | 4.87 | 252 | 12.4 | - |
| 33769 | 19 | 4.83 | 3.75 | 4.51 | 469 | 20.0 | - |
| 33783 | 3 | 5.66 | 3.40 | 4.61 | 169 | 20.7 | - |
| 33784 | | 3.76 | 3.76 | 4.61 | 252 | 19.4 | 33784 Indiv |
| 33793 | 16 | 3.83 | 3.20 | 4.69 | 242 | 16.0 | 14,000 |
| 33794 | 61 | 3.95 | 3.20 | 4.76 | 62 | 19.3 | 7,000 |
| 33798 | 12 | 3.87 | 3.39 | 4.79 | 228 | 15.5 | - |
| 33810 | 782 | 3.97 | 3.37 | 4.22 | 1241 | 32.2 | - |
| 33868 | 95 | 4.40 | 3.41 | 4.65 | 360 | 16.5 | - |
| 33869 | 24 | 5.02 | 4.01 | 4.52 | 300 | 17.4 | - |
| 33872 | 1074 | 4.05 | 3.45 | 4.61 | 484 | 16.7 | - |
| 33876 | 9 | 3.95 | 3.39 | 4.65 | 243 | 17.3 | - |
| 33877 | 7 | 2.94 | 3.19 | 4.84 | 214 | 16.2 | - |
| 33878 | 17 | 4.97 | 3.76 | 4.62 | 185 | 19.0 | - |
| 33880 | 76 | 4.39 | 3.63 | 4.63 | 373 | 8.8 | - |
| 33881 | 54 | 4.67 | 3.65 | 4.71 | 519 | 11.4 | - |
| 33922 | 14 | 3.82 | 3.36 | 4.68 | 254 | 11.3 | - |
| 33924 | 12 | 4.31 | 3.46 | 4.72 | 337 | 15.4 | - |
| 33925 | 20 | 4.07 | 3.37 | 4.76 | 291 | 10.4 | - |
| 33926 | 14 | 3.61 | 3.27 | 4.78 | 340 | 17.4 | - |
| 33928 | 33 | 3.87 | 3.48 | 4.61 | 588 | 13.8 | - |
| 33929 | 16 | 4.35 | 3.69 | 4.59 | 391 | 6.4 | - |
| 33948 | 16 | 4.17 | 3.76 | 4.67 | 237 | 16.7 | - |

| Sample Number | Bacto Count cfu x 1K/ml | Butterfat % | Protein % | Lactose % | SCC x1K/ml | Milk Urea Nitrogen mgN/dl | Name |  |  |
|---------------|----------------------------|-------------|-----------|-----------|---------------|------------------------------|------|--|--|
| 33949 | 41 | 4.62 | 3.70 | 4.60 | 303 | 21.5 | | | - |
| 33954 | 19 | 4.25 | 3.27 | 4.91 | 339 | 22.7 | | | - |
| 33955 | 29 | 3.36 | 3.13 | 4.56 | 596 | 12.5 | | | - |
| 33963 | 8 | 3.96 | 3.14 | 4.84 | 214 | 17.1 | | | - |
| 33990 | 7 | 3.82 | 3.32 | 4.77 | 271 | 14.5 | | | - |
| 33993 | 6 | 3.47 | 3.29 | 4.80 | 188 | 12.5 | | | - |
| 34098 | 24 | 4.09 | 3.69 | 4.75 | 285 | 16.1 | | | - |

— END OF REPORT —