



## MILK SAMPLE RESULTS for 6 DECEMBER 2022

Analysed by: Mériex NutriSciences, Midrand E-mail: [za.customer@mxns.com](mailto:za.customer@mxns.com)

Temp.: 2.6°C - Avg., max., min. & CV% of cow's milk only - Nos. in BLUE are unofficial

| Sample Number | E coli<br>cfu/ml | Coli-<br>forms<br>cfu/ml | Freezing<br>point<br>°C | Added<br>water<br>% | Bacto<br>Count<br>cfu x 1K/ml | Butterfat<br>% | Protein<br>% | Lactose<br>% | SCC<br>x1K/ml | Milk Urea<br>Nitrogen<br>mgN/dl | Name                                |
|---------------|------------------|--------------------------|-------------------------|---------------------|-------------------------------|----------------|--------------|--------------|---------------|---------------------------------|-------------------------------------|
| <b>Avg*</b>   | <b>8</b>         | <b>61</b>                |                         |                     | <b>39</b>                     | <b>3.98</b>    | <b>3.34</b>  | <b>4.94</b>  | <b>268</b>    | <b>15.7</b>                     | <b>* Trimmed mean, 20% excluded</b> |
| <b>Max</b>    | <b>180</b>       | <b>720</b>               |                         |                     | <b>265</b>                    | <b>4.72</b>    | <b>3.77</b>  | <b>5.13</b>  | <b>823</b>    | <b>22.4</b>                     | <b>40 cow's milk but 8 excluded</b> |
| <b>Min</b>    | <b>&lt;10</b>    | <b>&lt;10</b>            |                         |                     | <b>4</b>                      | <b>3.29</b>    | <b>3.11</b>  | <b>4.75</b>  | <b>131</b>    | <b>9.5</b>                      |                                     |
| <b>CV%</b>    | <b>200%</b>      | <b>165%</b>              |                         |                     | <b>126%</b>                   | <b>9%</b>      | <b>5%</b>    | <b>2%</b>    | <b>58%</b>    | <b>20%</b>                      |                                     |



| Specif.<br>Raw Milk | <10 | < 10 | -0.512 to<br>-0.540 | Nil | Unofficial:<br><200,000 | > 3.3 | > 3.0 | 4.5 - 5.1 | < 500,000 | 12 - 18 | Comment |
|---------------------|-----|------|---------------------|-----|-------------------------|-------|-------|-----------|-----------|---------|---------|
|---------------------|-----|------|---------------------|-----|-------------------------|-------|-------|-----------|-----------|---------|---------|

|    |       |     |     |        |     |     |      |      |      |     |      |   |
|----|-------|-----|-----|--------|-----|-----|------|------|------|-----|------|---|
| 1  | 41256 |     |     |        |     |     | 4.39 | 3.71 | 4.78 | 823 | 13.2 | - |
| 2  | 41257 | <10 | 90  | -0.529 | 0.0 | 37  | 4.51 | 3.71 | 4.79 | 696 | 16.4 | - |
| 3  | 41299 | 30  | 90  | -0.515 | 0.0 | 43  | 4.83 | 3.31 | 4.89 | 404 | 9.6  | - |
| 4  | 41320 | <10 | 10  | -0.528 | 0.0 | 47  | 4.05 | 3.30 | 4.84 | 589 | 19.7 | - |
| 5  | 41321 | 180 | 220 | -0.521 | 0.0 | 13  | 3.65 | 3.29 | 4.89 | 439 | 18.3 | - |
| 6  | 41322 | <10 | 10  | -0.529 | 0.0 | 10  | 3.69 | 3.21 | 4.84 | 796 | 22.4 | - |
| 7  | 41323 | 10  | 20  | -0.533 | 0.0 | 28  | 4.04 | 3.30 | 5.03 | 193 | 19.3 | - |
| 8  | 41324 | <10 | 50  | -0.524 | 0.0 | 13  | 3.65 | 3.27 | 4.85 | 421 | 19.3 | - |
| 9  | 41357 | <10 | 370 | -0.515 | 0.0 | 264 | 4.38 | 3.55 | 5.08 | 191 | 14.4 | - |
| 10 | 41358 | <10 | 150 | -0.518 | 0.0 | 46  | 4.43 | 3.55 | 4.86 | 376 | 14.2 | - |
| 11 | 41417 | <10 | <10 | -0.521 | 0.0 | 5   | 3.78 | 3.22 | 4.96 | 159 | 12.0 | - |
| 12 | 41418 | <10 | <10 | -0.528 | 0.0 | 4   | 4.18 | 3.25 | 4.97 | 245 | 13.6 | - |
| 13 | 41461 | 10  | 10  | -0.522 | 0.0 | 94  | 3.66 | 3.11 | 4.99 | 320 | 9.5  | - |
| 14 | 41467 | 40  | 440 | -0.504 | 1.4 | 27  | 4.05 | 3.39 | 4.75 | 280 | 19.9 | - |
| 15 | 41469 | <10 | 20  | -0.520 | 0.0 | 10  | 3.53 | 3.37 | 4.98 | 277 | 11.5 | - |
| 16 | 41516 |     |     |        |     |     | 4.19 | 3.44 | 4.85 | 268 | 18.3 | - |
| 17 | 41518 | <10 | <10 | -0.519 | 0.0 | 44  | 3.98 | 3.46 | 4.89 | 252 | 14.8 | - |
| 18 | 41597 | 10  | 40  | -0.525 | 0.0 | 75  | 3.77 | 3.36 | 4.93 | 357 | 14.3 | - |
| 19 | 41598 | 10  | 30  | -0.521 | 0.0 | 98  | 4.69 | 3.27 | 4.92 | 464 | 15.5 | - |
| 20 | 41644 | 10  | 30  | -0.523 | 0.0 | 33  | 3.58 | 3.16 | 4.96 | 163 | 15.3 | - |
| 21 | 41648 | <10 | <10 | -0.530 | 0.0 | 25  | 4.14 | 3.55 | 4.87 | 181 | 17.2 | - |
| 22 | 41659 | <10 | <10 | -0.529 | 0.0 | 26  | 3.29 | 3.30 | 5.07 | 136 | 16.5 | - |
| 23 | 41675 | 30  | 80  | -0.519 | 0.0 | 10  | 3.97 | 3.16 | 5.03 | 208 | 15.6 | - |
| 24 | 41676 | 30  | 140 | -0.524 | 0.0 | 11  | 3.82 | 3.16 | 5.12 | 154 | 14.0 | - |
| 25 | 41691 | <10 | 20  | -0.528 | 0.0 | 24  | 3.99 | 3.28 | 4.93 | 377 | 18.5 | - |
| 26 | 41693 | <10 | 10  | -0.525 | 0.0 | 21  | 3.52 | 3.17 | 4.93 | 248 | 16.3 | - |
| 27 | 41700 | <10 | 40  | -0.526 | 0.0 | 30  | 3.61 | 3.11 | 5.04 | 221 | 18.6 | - |
| 28 | 41736 | <10 | 50  | -0.524 | 0.0 | 135 | 4.14 | 3.20 | 4.97 | 181 | 17.4 | - |
| 29 | 41737 | 10  | 720 | -0.532 | 0.0 | 18  | 3.91 | 3.27 | 5.01 | 171 | 15.9 | - |
| 30 | 41749 | 10  | 10  | -0.525 | 0.0 | 24  | 4.03 | 3.29 | 5.00 | 137 | 9.7  | - |
| 31 | 41750 | 10  | 10  | -0.524 | 0.0 | 7   | 3.92 | 3.17 | 4.98 | 261 | 19.2 | - |
| 32 | 41751 | 10  | 20  | -0.525 | 0.0 | 6   | 3.84 | 3.18 | 5.03 | 222 | 13.7 | - |
| 33 | 41774 | 80  | 170 | -0.529 | 0.0 | 20  | 4.28 | 3.36 | 5.13 | 192 | 13.1 | - |
| 34 | 41793 | <10 | <10 | -0.512 | 0.0 | 52  | 3.55 | 3.40 | 4.89 | 409 | 15.9 | - |
| 35 | 41813 | 10  | 100 | -0.525 | 0.0 | 265 | 4.40 | 3.31 | 4.96 | 249 | 16.3 | - |
| 36 | 41816 | 20  | 50  | -0.528 | 0.0 | 19  | 2.92 | 3.70 | 5.09 | 102 | 16.9 | - |
| 37 | 41850 | <10 | 160 | -0.522 | 0.0 | 148 | 4.02 | 3.54 | 4.92 | 208 | 16.4 | - |
| 38 | 41853 | <10 | 460 | -0.522 | 0.0 | 178 | 4.21 | 3.61 | 4.87 | 224 | 18.1 | - |
| 39 | 41865 | 10  | 30  | -0.522 | 0.0 | 37  | 4.62 | 3.77 | 4.83 | 487 | 16.8 | - |
| 40 | 41870 | <10 | <10 | -0.518 | 0.0 | 26  | 4.02 | 3.50 | 4.92 | 186 | 10.5 | - |
| 41 | 41871 | <10 | 30  | -0.520 | 0.0 | 18  | 3.55 | 3.23 | 5.00 | 131 | 10.6 | - |
| 42 | 41872 | 10  | 20  | -0.516 | 0.0 | 27  | 4.72 | 3.72 | 4.87 | 144 | 11.6 | - |

— END OF REPORT —