

## Raw Milk Component Standards Chemical Results

Set: **180014** Date: **03/26/18**

| Sample Number |    | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** |         |                   |      |                          | Urea (MUN) mg/dl | Freeze Point °H | TA%*  |           |
|---------------|----|----------------|---------------|------------------|---------------------|---------|-------------------|------|--------------------------|------------------|-----------------|-------|-----------|
|               |    |                |               |                  | True Protein%       | Casein% | By Diff. Lactose% | SNF% | Other Solids% Total Pro. |                  |                 |       | True Pro. |
| 1             |    | 2.77           | 11.73         | 3.36             | 3.17                | 2.65    | 4.86              | 8.96 | 5.60                     | 5.79             | 11.3            | 0.545 | 0.12      |
| 2             | A  | 3.21           | 12.12         | 3.37             | 3.18                | 2.67    | 4.83              | 8.92 | 5.55                     | 5.74             | 13.4            | 0.551 | 0.12      |
| 3             |    | 3.49           | 11.97         | 3.21             | 3.08                | 2.51    | 4.56              | 8.48 | 5.28                     | 5.40             | 2.7             | 0.534 | 0.11      |
| 4             |    | 3.80           | 12.69         | 3.24             | 3.11                | 2.57    | 4.91              | 8.88 | 5.64                     | 5.77             | 2.8             | 0.540 | 0.12      |
| 5             | B  | 4.00           | 12.84         | 3.24             | 3.09                | 2.57    | 4.87              | 8.84 | 5.60                     | 5.75             | 6.9             | 0.545 | 0.12      |
| 6             |    | 4.75           | 14.12         | 3.83             | 3.64                | 3.06    | 4.76              | 9.37 | 5.54                     | 5.72             | 11.8            | 0.553 | 0.12      |
| 7             | AA | 3.17           | 12.12         | 3.26             | 3.08                | 2.53    | 4.95              | 8.96 | 5.70                     | 5.87             | 11.4            | 0.544 | 0.12      |
| 8             |    | 3.59           | 12.48         | 3.56             | 3.34                | 2.77    | 4.61              | 8.90 | 5.34                     | 5.56             | 18.1            | 0.544 | 0.12      |
| 9             |    | 3.68           | 12.68         | 3.41             | 3.23                | 2.66    | 4.85              | 9.00 | 5.59                     | 5.77             | 10.7            | 0.546 | 0.12      |
| 10            | BB | 3.89           | 12.85         | 3.33             | 3.13                | 2.60    | 4.89              | 8.96 | 5.63                     | 5.83             | 14.1            | 0.547 | 0.12      |
| 11            |    | 4.54           | 13.07         | 3.02             | 2.89                | 2.38    | 4.79              | 8.53 | 5.51                     | 5.64             | 3.3             | 0.537 | 0.11      |
| 12            |    | 5.40           | 14.77         | 3.94             | 3.77                | 3.10    | 4.63              | 9.37 | 5.43                     | 5.60             | 9.6             | 0.541 | 0.13      |
| Average 1-12  |    | 3.86           | 12.79         | 3.40             | 3.23                | 2.67    | 4.79              | 8.93 | 5.53                     | 5.70             | 9.7             | 0.544 | 0.12      |
|               |    |                |               |                  |                     |         |                   |      |                          |                  |                 |       |           |
| RSK           |    | 0.06           | 9.33          | 3.48             | 3.30                |         | 5.03              | 9.27 |                          |                  |                 |       |           |

All Results Are The Average Of At Least Duplicate Analysis.

*Mary Bulthaus, Technical Director*

References:

SMEDP 15.8F, 15.12B, 15.10C

AOAC 989.05, 991.20, 991.21, 991.23, 990.20, 990.21

\*\*Calculations

True Protein% = Total N Protein% - Non-Protein Nitrogen%

Casein% = Total N Protein% - Non-Casein Nitrogen%

By Diff. Lactose% = Total Sol

SNF% = Total Solids% - Fat%

Other Solids% = Total Solids% - Fat% - Protein% (where Protein% is either Total N Protein or True Protein)

\*TA% = Titratable Acidity as Lactic Acid%