

## Pasteurized & Homogenized Milk Samples Chemical Results

Set: **251029** DATE: **07/14/25**

| Sample Number       | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** |             |               |                   | Titratable Acidity as % Lactic Acid |
|---------------------|----------------|---------------|------------------|---------------------|-------------|---------------|-------------------|-------------------------------------|
|                     |                |               |                  | True Protein%       | SNF%        | Other Solids% | By Diff. Lactose% |                                     |
| 1                   | 0.10           | 9.33          | 3.46             | 3.28                | 9.23        | 5.77          | 5.01              | 0.12                                |
| 2                   | 0.24           | 9.49          | 3.48             | 3.31                | 9.25        | 5.76          | 5.01              | 0.11                                |
| 3                   | 0.50           | 9.76          | 3.50             | 3.33                | 9.26        | 5.75          | 5.00              | 0.12                                |
| 4                   | 0.76           | 10.02         | 3.52             | 3.34                | 9.26        | 5.74          | 4.98              | 0.12                                |
| 5                   | 0.96           | 10.26         | 3.52             | 3.35                | 9.29        | 5.77          | 5.01              | 0.12                                |
| 6                   | 1.30           | 10.56         | 3.51             | 3.34                | 9.26        | 5.75          | 5.00              | 0.12                                |
| 7                   | 1.70           | 10.90         | 3.47             | 3.29                | 9.20        | 5.73          | 4.99              | 0.12                                |
| 8                   | 1.98           | 11.16         | 3.46             | 3.28                | 9.18        | 5.72          | 4.98              | 0.13                                |
| 9                   | 2.40           | 11.54         | 3.43             | 3.25                | 9.14        | 5.71          | 4.97              | 0.12                                |
| 10                  | 2.75           | 11.86         | 3.35             | 3.18                | 9.11        | 5.76          | 5.02              | 0.12                                |
| 11                  | 3.29           | 12.32         | 3.37             | 3.20                | 9.04        | 5.67          | 4.94              | 0.12                                |
| 12                  | 3.55           | 12.55         | 3.37             | 3.21                | 9.00        | 5.63          | 4.90              | 0.12                                |
| <b>Average 1-12</b> | <b>1.63</b>    | <b>10.81</b>  | <b>3.45</b>      | <b>3.28</b>         | <b>9.18</b> | <b>5.73</b>   | <b>4.98</b>       | <b>0.12</b>                         |

### Fortified Samples

|                      |             |              |             |             |             |             |             |             |
|----------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 13                   | 0.10        | 9.47         | 3.51        | 3.34        | 9.37        | 5.86        | 5.09        | 0.12        |
| 14                   | 1.02        | 12.09        | 4.23        | 4.02        | 11.07       | 6.84        | 5.94        | 0.15        |
| 15                   | 2.01        | 12.13        | 3.80        | 3.61        | 10.12       | 6.31        | 5.49        | 0.14        |
| 16                   | 3.57        | 12.59        | 3.35        | 3.19        | 9.02        | 5.67        | 4.94        | 0.12        |
| <b>Average 14-16</b> | <b>1.68</b> | <b>11.57</b> | <b>3.72</b> | <b>3.54</b> | <b>9.89</b> | <b>6.17</b> | <b>5.37</b> | <b>0.13</b> |
| <b>Average 1-16</b>  | <b>1.64</b> | <b>11.00</b> | <b>3.52</b> | <b>3.34</b> | <b>9.36</b> | <b>5.84</b> | <b>5.08</b> | <b>0.12</b> |

All Results Are The Average Of At Least Duplicate Analysis.

*Bruce Kuechle, Technical Director*

#### References:

SMEDP 15.086, 15.114, 15.131, 15.133  
AOAC 989.05, 991.20, 991.21, 991.23, 990.20, 990.21

#### \*\*Calculations:

True Protein% = Total N Protein% - Non-Protein Nitrogen%  
SNF% = Total Solids% - Fat%  
Other Solids% = Total Solids% - Fat% - Total N Protein%  
By Diff. Lactose% = Total Solids% - Fat% - Total N Protein% - Ash%