



DQCI

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## Raw Lowfat Milk Samples Chemical Results

**Set: 260230      DATE: 07/20/26**

| Sample Number       | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** |             |               |                   |
|---------------------|----------------|---------------|------------------|---------------------|-------------|---------------|-------------------|
|                     |                |               |                  | True Protein%       | SNF%        | Other Solids% | By Diff. Lactose% |
| 1                   | 0.04           | 9.45          | 3.52             | 3.34                | 9.41        | 5.90          | 5.14              |
| 2                   | 0.28           | 9.68          | 3.52             | 3.34                | 9.41        | 5.89          | 5.12              |
| 3                   | 0.53           | 9.81          | 3.45             | 3.27                | 9.28        | 5.83          | 5.06              |
| 4                   | 0.76           | 10.05         | 3.45             | 3.27                | 9.29        | 5.84          | 5.08              |
| 5                   | 0.98           | 10.24         | 3.46             | 3.28                | 9.26        | 5.81          | 5.05              |
| 6                   | 1.26           | 10.50         | 3.47             | 3.28                | 9.23        | 5.77          | 5.02              |
| 7                   | 1.61           | 10.85         | 3.45             | 3.28                | 9.24        | 5.79          | 5.06              |
| 8                   | 1.90           | 11.09         | 3.44             | 3.27                | 9.19        | 5.74          | 5.00              |
| 9                   | 2.20           | 11.38         | 3.44             | 3.26                | 9.17        | 5.73          | 4.99              |
| 10                  | 2.58           | 11.73         | 3.41             | 3.24                | 9.15        | 5.74          | 5.00              |
| 11                  | 3.06           | 12.19         | 3.42             | 3.24                | 9.13        | 5.71          | 4.98              |
| 12                  | 3.38           | 12.45         | 3.42             | 3.25                | 9.07        | 5.65          | 4.92              |
| <b>Average 1-12</b> | <b>1.55</b>    | <b>10.78</b>  | <b>3.45</b>      | <b>3.28</b>         | <b>9.24</b> | <b>5.78</b>   | <b>5.03</b>       |

### Fortified Samples

|                      |             |              |             |             |             |             |             |
|----------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| 13                   | 0.05        | 9.44         | 3.49        | 3.30        | 9.39        | 5.90        | 5.15        |
| 14                   | 1.01        | 12.09        | 4.12        | 3.91        | 11.08       | 6.96        | 6.07        |
| 15                   | 1.91        | 12.01        | 3.78        | 3.60        | 10.10       | 6.32        | 5.50        |
| 16                   | 3.34        | 12.48        | 3.41        | 3.23        | 9.14        | 5.72        | 4.98        |
| <b>Average 13-16</b> | <b>1.58</b> | <b>11.50</b> | <b>3.70</b> | <b>3.51</b> | <b>9.93</b> | <b>6.23</b> | <b>5.43</b> |
| <b>Average 1-16</b>  | <b>1.56</b> | <b>10.96</b> | <b>3.52</b> | <b>3.34</b> | <b>9.41</b> | <b>5.89</b> | <b>5.13</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:

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