



DQCI

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## Raw Lowfat Milk Samples Chemical Results

Set: **260244**      DATE: **10/26/26**

| Sample Number       | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** |             |               |                   |
|---------------------|----------------|---------------|------------------|---------------------|-------------|---------------|-------------------|
|                     |                |               |                  | True Protein%       | SNF%        | Other Solids% | By Diff. Lactose% |
| 1                   | 0.05           | 8.65          | 3.36             | 3.20                | 8.60        | 5.24          | 4.54              |
| 2                   | 0.26           | 9.74          | 3.67             | 3.49                | 9.48        | 5.81          | 5.04              |
| 3                   | 0.54           | 10.03         | 3.66             | 3.48                | 9.49        | 5.83          | 5.06              |
| 4                   | 0.78           | 9.76          | 3.49             | 3.33                | 8.99        | 5.49          | 4.75              |
| 5                   | 1.04           | 10.48         | 3.64             | 3.46                | 9.44        | 5.80          | 5.02              |
| 6                   | 1.33           | 10.76         | 3.66             | 3.48                | 9.43        | 5.77          | 5.00              |
| 7                   | 1.72           | 11.12         | 3.63             | 3.45                | 9.40        | 5.78          | 5.01              |
| 8                   | 2.01           | 11.41         | 3.61             | 3.44                | 9.40        | 5.79          | 5.05              |
| 9                   | 2.31           | 11.72         | 3.60             | 3.42                | 9.41        | 5.81          | 5.07              |
| 10                  | 2.70           | 12.08         | 3.59             | 3.41                | 9.38        | 5.78          | 5.02              |
| 11                  | 3.25           | 12.56         | 3.58             | 3.41                | 9.30        | 5.72          | 4.97              |
| 12                  | 3.54           | 12.83         | 3.57             | 3.40                | 9.29        | 5.72          | 5.03              |
| <b>Average 1-12</b> | <b>1.63</b>    | <b>10.93</b>  | <b>3.59</b>      | <b>3.41</b>         | <b>9.30</b> | <b>5.71</b>   | <b>4.96</b>       |

### Fortified Samples

|                      |             |              |             |             |             |             |             |
|----------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| 13                   | 0.10        | 9.64         | 3.71        | 3.52        | 9.54        | 5.84        | 5.07        |
| 14                   | 1.01        | 12.07        | 4.27        | 4.06        | 11.05       | 6.78        | 5.88        |
| 15                   | 2.00        | 12.02        | 3.89        | 3.70        | 10.02       | 6.13        | 5.32        |
| 16                   | 3.55        | 12.81        | 3.60        | 3.42        | 9.26        | 5.66        | 4.91        |
| <b>Average 13-16</b> | <b>1.67</b> | <b>11.64</b> | <b>3.86</b> | <b>3.67</b> | <b>9.97</b> | <b>6.10</b> | <b>5.30</b> |
| <b>Average 1-16</b>  | <b>1.64</b> | <b>11.10</b> | <b>3.66</b> | <b>3.48</b> | <b>9.47</b> | <b>5.81</b> | <b>5.05</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%