



DQCI

### Condensed Skim Milk Chemical Results

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**Set: 260413    DATE: 03/23/26**

| Sample Number       | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** |             |               |              |               | HPLC Lactose% |
|---------------------|----------------|---------------|------------------|---------------------|-------------|---------------|--------------|---------------|---------------|
|                     |                |               |                  | True Protein%       | Casein%     | Rowland Index | SNF%         | Other Solids% |               |
| 1                   | 0.13           | 17.59         | 6.85             | 6.52                | 5.58        | 14.39         | 17.46        | 10.61         | 9.06          |
| 2                   | 0.14           | 19.12         | 7.44             | 7.08                | 6.10        | 13.94         | 18.98        | 11.54         | 9.77          |
| 3                   | 0.14           | 20.30         | 7.89             | 7.51                | 6.48        | 13.67         | 20.16        | 12.27         | 10.35         |
| 4                   | 0.16           | 21.89         | 8.49             | 8.08                | 6.97        | 13.63         | 21.73        | 13.24         | 11.19         |
| 5                   | 0.17           | 23.12         | 9.64             | 9.17                | 7.91        | 13.73         | 22.95        | 13.31         | 11.07         |
| 6                   | 0.17           | 25.48         | 9.90             | 9.41                | 8.15        | 13.45         | 25.30        | 15.40         | 13.08         |
| 7                   | 0.18           | 27.29         | 10.63            | 10.11               | 8.73        | 13.65         | 27.11        | 16.49         | 14.05         |
| 8                   | 0.20           | 29.64         | 11.47            | 10.91               | 9.41        | 13.76         | 29.44        | 17.97         | 15.12         |
| 9                   | 0.22           | 30.63         | 11.89            | 11.30               | 9.75        | 13.73         | 30.41        | 18.53         | 15.73         |
| 10                  | 0.22           | 31.56         | 12.24            | 11.64               | 10.06       | 13.60         | 31.34        | 19.09         | 16.19         |
| 11                  | 0.24           | 32.07         | 12.39            | 11.78               | 10.18       | 13.58         | 31.83        | 19.44         | 16.50         |
| 12                  | 0.25           | 33.29         | 12.92            | 12.29               | 10.61       | 13.64         | 33.04        | 20.12         | 17.19         |
| <b>Average 1-12</b> | <b>0.19</b>    | <b>26.00</b>  | <b>10.15</b>     | <b>9.65</b>         | <b>8.33</b> | <b>13.73</b>  | <b>25.81</b> | <b>15.67</b>  | <b>13.28</b>  |

All Results Are The Average Of At Least Duplicate Analysis.

*Bruce Kuechle, Technical Director*

References:

SMEDP 15.8F, 15.12B, 15.10C  
AOAC 989.05, 991.20, 991.21, 991.23, 990.20, 990.21

\*\*Calculations:

SNF% = Total Solids% - Fat%  
Other Solids% = Total Solids% - Fat% - Total N Protein%  
True Protein% = Total Protein% - Non-Protein Nitrogen%  
Casein% = Total Protein% - Non-Casein Nitrogen%  
Rowland Index = (True Protein% - Casein%) / True Protein%