

## Condensed Skim Milk Chemical Results

Set: **250439** DATE: **09/22/25**

| Sample Number       | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** |             |               |              |               | HPLC Lactose% |
|---------------------|----------------|---------------|------------------|---------------------|-------------|---------------|--------------|---------------|---------------|
|                     |                |               |                  | True Protein%       | Casein%     | Rowland Index | SNF%         | Other Solids% |               |
| 1                   | 0.10           | 17.86         | 6.96             | 6.60                | 5.65        | 14.48         | 17.75        | 10.79         | 8.79          |
| 2                   | 0.12           | 19.31         | 7.55             | 7.16                | 6.13        | 14.40         | 19.19        | 11.63         | 10.02         |
| 3                   | 0.13           | 20.58         | 8.02             | 7.61                | 6.50        | 14.62         | 20.45        | 12.43         | 10.57         |
| 4                   | 0.16           | 22.18         | 8.60             | 8.16                | 7.01        | 14.12         | 22.02        | 13.42         | 11.00         |
| 5                   | 0.19           | 23.90         | 9.34             | 8.87                | 7.57        | 14.64         | 23.71        | 14.37         | 11.73         |
| 6                   | 0.19           | 25.82         | 10.13            | 9.62                | 8.23        | 14.52         | 25.62        | 15.49         | 12.06         |
| 7                   | 0.21           | 27.66         | 10.76            | 10.21               | 8.75        | 14.25         | 27.44        | 16.68         | 13.52         |
| 8                   | 0.23           | 29.78         | 11.61            | 11.01               | 9.42        | 14.48         | 29.55        | 17.94         | 14.57         |
| 9                   | 0.18           | 31.02         | 12.11            | 11.49               | 9.84        | 14.37         | 30.84        | 18.73         | 14.97         |
| 10                  | 0.20           | 31.96         | 12.44            | 11.80               | 10.10       | 14.48         | 31.76        | 19.31         | 15.59         |
| 11                  | 0.27           | 32.55         | 12.78            | 12.13               | 10.41       | 14.20         | 32.28        | 19.50         | 16.64         |
| 12                  | 0.30           | 33.21         | 12.28            | 11.66               | 9.87        | 15.38         | 32.91        | 20.63         | 18.14         |
| <b>Average 1-12</b> | <b>0.19</b>    | <b>26.32</b>  | <b>10.22</b>     | <b>9.70</b>         | <b>8.29</b> | <b>14.50</b>  | <b>26.13</b> | <b>15.91</b>  | <b>13.13</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%