

Unhomogenized Heavy Cream Samples  
Chemical Results

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Set: **230605**      DATE: **01/30/23**

| Sample Number       | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** |                 |                  | Titratable Acidity as Lactic Acid% |      |
|---------------------|----------------|---------------|------------------|---------------------|-----------------|------------------|------------------------------------|------|
|                     |                |               |                  | True Protein%       | Calculated SNF% | By Diff Lactose% |                                    |      |
| 1                   | 26.27          | 33.09         | 2.57             | 2.42                | 6.83            | 3.73             | 0.09                               |      |
| 2                   | 28.60          | 35.22         | 2.46             | 2.33                | 6.61            | 3.64             | 0.09                               |      |
| 3                   | 30.43          | 36.88         | 2.40             | 2.25                | 6.44            | 3.55             | 0.09                               |      |
| 4                   | X              | 31.88         | 38.19            | 2.34                | 2.19            | 6.31             | 3.48                               | 0.09 |
| 5                   |                | 34.12         | 40.23            | 2.24                | 2.11            | 6.11             | 3.40                               | 0.09 |
| 6                   | Y              | 35.94         | 41.87            | 2.17                | 2.05            | 5.93             | 3.31                               | 0.08 |
| 7                   |                | 37.41         | 43.14            | 2.10                | 1.97            | 5.72             | 3.19                               | 0.08 |
| 8                   |                | 38.50         | 44.11            | 2.08                | 1.95            | 5.61             | 3.10                               | 0.08 |
| 9                   | Z              | 39.51         | 44.97            | 2.02                | 1.90            | 5.47             | 3.03                               | 0.08 |
| 10                  |                | 40.59         | 46.03            | 1.95                | 1.84            | 5.44             | 3.07                               | 0.08 |
| 11                  |                | 41.28         | 46.64            | 1.95                | 1.83            | 5.37             | 3.01                               | 0.08 |
| 12                  |                | 41.81         | 47.08            | 1.90                | 1.79            | 5.27             | 2.96                               | 0.08 |
| <b>Average 1-12</b> | <b>35.53</b>   | <b>41.45</b>  | <b>2.18</b>      | <b>2.05</b>         | <b>5.93</b>     | <b>3.29</b>      | <b>0.08</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:

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