



DQCI

Unhomogenized Heavy Cream Samples Chemical Results

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Set: **210603**

DATE: **01/18/21**

| Sample Number | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** | | | Titratable Acidity as Lactic Acid% |
|---------------------|----------------|---------------|------------------|---------------------|-----------------|------------------|------------------------------------|
| | | | | True Protein% | Calculated SNF% | By Diff Lactose% | |
| 1 | 25.99 | 33.09 | 2.61 | 2.42 | 7.09 | 3.95 | 0.10 |
| 2 | 28.38 | 35.21 | 2.51 | 2.34 | 6.83 | 3.80 | 0.10 |
| 3 | 30.11 | 36.73 | 2.45 | 2.28 | 6.62 | 3.66 | 0.10 |
| 4 | X 31.86 | 38.30 | 2.39 | 2.25 | 6.44 | 3.56 | 0.10 |
| 5 | 34.12 | 40.33 | 2.30 | 2.12 | 6.21 | 3.43 | 0.09 |
| 6 | Y 35.80 | 41.87 | 2.23 | 2.11 | 6.07 | 3.38 | 0.09 |
| 7 | 36.94 | 42.96 | 2.17 | 2.04 | 6.03 | 3.41 | 0.09 |
| 8 | 38.26 | 44.15 | 2.13 | 2.00 | 5.89 | 3.32 | 0.09 |
| 9 | Z 39.77 | 45.43 | 2.08 | 1.96 | 5.66 | 3.15 | 0.09 |
| 10 | 40.89 | 46.42 | 2.02 | 1.90 | 5.53 | 3.10 | 0.09 |
| 11 | 42.35 | 47.82 | 1.98 | 1.86 | 5.47 | 3.09 | 0.08 |
| 12 | 43.83 | 49.12 | 1.90 | 1.79 | 5.29 | 3.01 | 0.08 |
| Average 1-12 | 35.69 | 41.79 | 2.23 | 2.09 | 6.09 | 3.40 | 0.09 |

All Results Are The Average Of At Least Duplicate Analysis.

Emily Kalinowski, Technical Services Manager

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%