



DQCI

### Unhomogenized Heavy Cream Samples Chemical Results

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**Set: 210635      DATE: 08/30/21**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**			Titratable Acidity as Lactic Acid%
				True Protein%	Calculated SNF%	By Diff Lactose%	
1	26.21	33.19	2.50	2.36	6.98	3.94	0.10
2	28.57	35.34	2.43	2.29	6.77	3.84	0.09
3	30.68	37.24	2.35	2.25	6.56	3.71	0.09
4	X 32.10	38.55	2.30	2.16	6.45	3.66	0.09
5	34.37	40.56	2.21	2.09	6.19	3.50	0.08
6	Y 36.05	42.18	2.15	2.03	6.13	3.53	0.08
7	37.61	43.50	2.10	1.96	5.90	3.35	0.08
8	38.73	44.56	2.05	1.97	5.83	3.34	0.08
9	Z 40.04	45.74	2.01	1.87	5.70	3.27	0.08
10	41.39	46.96	1.97	1.87	5.57	3.18	0.07
11	42.61	48.08	1.94	1.86	5.46	3.12	0.07
12	45.13	50.35	1.86	1.73	5.21	2.96	0.07
<b>Average 1-12</b>	<b>36.12</b>	<b>42.19</b>	<b>2.16</b>	<b>2.04</b>	<b>6.06</b>	<b>3.45</b>	<b>0.08</b>

All Results Are The Average Of At Least Duplicate Analysis.

*Jen Tan, Chemistry Lab Group Lead*

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%