

## Pasteurized & Homogenized Milk Samples Chemical Results

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**Set: 201013      DATE: 03/30/20**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**				Titratable Acidity as % Lactic Acid
				True Protein%	SNF%	Other Solids%	By Diff. Lactose%	
1	0.12	9.42	3.55	3.36	9.30	5.75	4.97	0.10
2	0.29	9.59	3.53	3.34	9.31	5.77	5.00	0.11
3	0.47	9.77	3.54	3.35	9.30	5.76	4.99	0.10
4	0.77	10.08	3.53	3.34	9.31	5.78	5.01	0.10
5	0.95	10.22	3.55	3.36	9.27	5.72	4.95	0.10
6	1.32	10.57	3.51	3.32	9.25	5.74	4.98	0.11
7	1.72	10.89	3.48	3.30	9.18	5.69	4.94	0.10
8	2.00	11.15	3.48	3.29	9.15	5.67	4.92	0.11
9	2.41	11.54	3.47	3.29	9.13	5.66	4.91	0.11
10	2.75	11.88	3.48	3.29	9.12	5.64	4.90	0.10
11	3.24	12.40	3.47	3.29	9.16	5.69	4.95	0.10
12	3.56	12.64	3.45	3.27	9.08	5.62	4.88	0.11
<b>Average 1-12</b>	<b>1.63</b>	<b>10.85</b>	<b>3.51</b>	<b>3.32</b>	<b>9.21</b>	<b>5.71</b>	<b>4.95</b>	<b>0.10</b>

**Fortified Samples**

13	0.11	9.36	3.53	3.34	9.24	5.72	4.94	0.10
14	1.01	12.50	4.34	4.11	11.50	7.15	6.24	0.14
15	2.02	12.02	3.77	3.58	9.99	6.22	5.38	0.12
16	3.57	12.66	3.44	3.26	9.09	5.64	4.90	0.10
<b>Average 14-16</b>	<b>1.68</b>	<b>11.63</b>	<b>3.77</b>	<b>3.57</b>	<b>9.96</b>	<b>6.18</b>	<b>5.37</b>	<b>0.11</b>
<b>Average 1-16</b>	<b>1.64</b>	<b>11.04</b>	<b>3.57</b>	<b>3.38</b>	<b>9.40</b>	<b>5.83</b>	<b>5.05</b>	<b>0.11</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:

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