

## Pasteurized & Homogenized Milk Samples Chemical Results

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**Set: 201027      DATE: 07/06/20**

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	0.07	9.31	3.36	3.18	9.25	5.89	5.12	0.12
2	0.23	9.42	3.40	3.21	9.19	5.79	5.03	0.12
3	0.48	9.66	3.36	3.17	9.17	5.82	5.06	0.13
4	0.73	9.83	3.34	3.16	9.10	5.76	5.01	0.12
5	0.98	10.08	3.37	3.18	9.10	5.73	4.98	0.13
6	1.29	10.39	3.34	3.16	9.10	5.76	5.01	0.12
7	1.70	10.82	3.33	3.15	9.12	5.79	5.04	0.13
8	1.95	11.04	3.33	3.15	9.09	5.76	5.02	0.13
9	2.43	11.47	3.34	3.16	9.04	5.70	4.96	0.13
10	2.80	11.77	3.29	3.11	8.97	5.68	4.95	0.13
11	3.34	12.25	3.28	3.10	8.90	5.62	4.90	0.12
12	3.60	12.46	3.28	3.10	8.85	5.57	4.84	0.12
<b>Average 1-12</b>	<b>1.63</b>	<b>10.71</b>	<b>3.34</b>	<b>3.15</b>	<b>9.07</b>	<b>5.74</b>	<b>4.99</b>	<b>0.12</b>

**Fortified Samples**

13	0.08	9.55	3.47	3.28	9.47	6.00	5.22	0.13
14	0.99	12.39	4.17	3.95	11.40	7.23	6.31	0.16
15	2.02	12.42	3.82	3.62	10.41	6.58	5.75	0.14
16	3.62	12.49	3.25	3.07	8.88	5.63	4.90	0.12
<b>Average 14-16</b>	<b>1.68</b>	<b>11.71</b>	<b>3.68</b>	<b>3.48</b>	<b>10.04</b>	<b>6.36</b>	<b>5.54</b>	<b>0.14</b>
<b>Average 1-16</b>	<b>1.64</b>	<b>10.96</b>	<b>3.42</b>	<b>3.23</b>	<b>9.31</b>	<b>5.89</b>	<b>5.13</b>	<b>0.13</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%