

## Pasteurized & Homogenized Milk Samples Chemical Results

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Set: **221021**      DATE: **05/23/22**

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	0.10	9.34	3.44	3.26	9.24	5.80	5.03	0.10
2	0.26	9.48	3.43	3.25	9.22	5.79	5.02	0.10
3	0.49	9.68	3.41	3.23	9.19	5.78	5.02	0.10
4	0.74	9.91	3.40	3.22	9.17	5.77	5.01	0.10
5	1.00	10.12	3.39	3.21	9.13	5.74	4.98	0.10
6	1.25	10.32	3.38	3.20	9.08	5.70	4.95	0.10
7	1.67	10.75	3.34	3.16	9.08	5.74	4.99	0.10
8	1.90	10.97	3.34	3.16	9.07	5.73	4.99	0.11
9	2.38	11.41	3.32	3.14	9.03	5.71	4.97	0.10
10	2.73	11.74	3.31	3.13	9.01	5.70	4.96	0.10
11	3.23	12.22	3.27	3.09	8.98	5.72	4.98	0.10
12	3.55	12.52	3.27	3.10	8.96	5.69	4.96	0.10
<b>Average 1-12</b>	<b>1.61</b>	<b>10.70</b>	<b>3.36</b>	<b>3.18</b>	<b>9.10</b>	<b>5.74</b>	<b>4.99</b>	<b>0.10</b>

**Fortified Samples**

13	0.11	9.38	3.44	3.26	9.27	5.83	5.06	0.11
14	0.98	12.66	4.30	4.08	11.69	7.38	6.47	0.14
15	1.95	12.28	3.80	3.61	10.33	6.53	5.71	0.12
16	3.54	12.51	3.25	3.08	8.97	5.72	5.00	0.11
<b>Average 14-16</b>	<b>1.64</b>	<b>11.71</b>	<b>3.70</b>	<b>3.51</b>	<b>10.07</b>	<b>6.37</b>	<b>5.56</b>	<b>0.12</b>
<b>Average 1-16</b>	<b>1.62</b>	<b>10.95</b>	<b>3.44</b>	<b>3.26</b>	<b>9.34</b>	<b>5.90</b>	<b>5.13</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%