

## Pasteurized & Homogenized Milk Samples Chemical Results

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Set: **231007**      DATE: **02/13/23**

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	0.08	9.56	3.68	3.49	9.48	5.81	5.02	0.12
2	0.24	9.91	3.90	3.71	9.67	5.77	4.98	0.12
3	0.47	10.10	3.89	3.70	9.63	5.73	4.96	0.12
4	0.69	10.32	3.86	3.67	9.62	5.76	4.99	0.12
5	0.98	10.56	3.87	3.68	9.59	5.72	4.94	0.12
6	1.21	10.83	3.89	3.69	9.62	5.73	4.96	0.12
7	1.57	11.25	3.97	3.77	9.67	5.70	4.93	0.13
8	1.84	11.54	4.04	3.84	9.70	5.66	4.89	0.12
9	2.26	11.89	3.99	3.80	9.63	5.64	4.87	0.12
10	2.64	12.16	3.92	3.72	9.51	5.60	4.83	0.13
11	3.17	12.56	3.76	3.58	9.40	5.64	4.88	0.12
12	3.52	12.80	3.68	3.50	9.28	5.60	4.84	0.12
<b>Average 1-12</b>	<b>1.56</b>	<b>11.12</b>	<b>3.87</b>	<b>3.68</b>	<b>9.57</b>	<b>5.70</b>	<b>4.92</b>	<b>0.12</b>

**Fortified Samples**

13	0.09	9.73	3.73	3.55	9.64	5.91	5.12	0.12
14	0.94	11.91	4.37	4.16	10.97	6.60	5.68	0.14
15	1.91	12.00	4.16	3.96	10.09	5.92	5.09	0.13
16	3.52	12.78	3.66	3.48	9.26	5.60	4.85	0.12
<b>Average 14-16</b>	<b>1.62</b>	<b>11.61</b>	<b>3.98</b>	<b>3.79</b>	<b>9.99</b>	<b>6.01</b>	<b>5.19</b>	<b>0.13</b>
<b>Average 1-16</b>	<b>1.57</b>	<b>11.24</b>	<b>3.90</b>	<b>3.71</b>	<b>9.67</b>	<b>5.77</b>	<b>4.99</b>	<b>0.12</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%