

## Pasteurized & Homogenized Milk Samples Chemical Results

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**Set: 241007      DATE: 02/12/24**

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	9.76	3.84	3.65	9.68	5.84	5.06	0.13
2	0.22	9.90	3.85	3.65	9.68	5.83	5.05	0.14
3	0.45	10.13	3.87	3.67	9.67	5.81	5.03	0.14
4	0.69	10.35	3.87	3.68	9.66	5.79	5.01	0.14
5	0.99	10.62	3.90	3.70	9.63	5.73	4.96	0.14
6	1.24	10.78	3.76	3.57	9.54	5.78	5.01	0.13
7	1.63	10.95	3.63	3.45	9.32	5.69	4.93	0.13
8	1.95	11.13	3.52	3.34	9.18	5.66	4.91	0.13
9	2.35	11.54	3.53	3.35	9.19	5.66	4.91	0.13
10	2.70	11.87	3.57	3.39	9.16	5.60	4.84	0.13
11	3.19	12.42	3.63	3.44	9.23	5.60	4.85	0.13
12	3.51	12.66	3.60	3.42	9.15	5.55	4.80	0.13
<b>Average 1-12</b>	<b>1.58</b>	<b>11.01</b>	<b>3.71</b>	<b>3.52</b>	<b>9.43</b>	<b>5.71</b>	<b>4.95</b>	<b>0.13</b>
<b>Fortified Samples</b>								
13	0.09	9.94	3.92	3.71	9.85	5.93	5.15	0.15
14	0.94	12.17	4.50	4.27	11.24	6.74	5.84	0.16
15	1.93	11.97	3.84	3.65	10.04	6.20	5.39	0.14
16	3.50	12.66	3.57	3.39	9.17	5.59	4.84	0.13
<b>Average 14-16</b>	<b>1.61</b>	<b>11.69</b>	<b>3.96</b>	<b>3.76</b>	<b>10.07</b>	<b>6.12</b>	<b>5.31</b>	<b>0.15</b>
<b>Average 1-16</b>	<b>1.59</b>	<b>11.18</b>	<b>3.78</b>	<b>3.58</b>	<b>9.59</b>	<b>5.81</b>	<b>5.04</b>	<b>0.14</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%