

Pasteurized & Homogenized Milk Samples Chemical Results

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Set: 201007 DATE: 02/17/20

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	0.11	9.49	3.63	3.45	9.38	5.74	4.97	0.13
2	0.27	9.63	3.63	3.44	9.36	5.73	4.95	0.12
3	0.47	9.80	3.62	3.42	9.33	5.72	4.94	0.12
4	0.72	9.99	3.59	3.40	9.27	5.69	4.92	0.12
5	0.92	10.16	3.56	3.37	9.24	5.68	4.91	0.12
6	1.24	10.45	3.55	3.36	9.21	5.66	4.90	0.12
7	1.62	10.83	3.55	3.36	9.20	5.65	4.90	0.12
8	1.88	11.06	3.53	3.34	9.18	5.64	4.89	0.12
9	2.32	11.46	3.52	3.33	9.13	5.62	4.87	0.12
10	2.66	11.77	3.50	3.31	9.11	5.62	4.87	0.12
11	3.24	12.30	3.48	3.30	9.06	5.58	4.84	0.12
12	3.46	12.52	3.47	3.29	9.06	5.59	4.84	0.12
Average 1-12	1.58	10.79	3.55	3.36	9.21	5.66	4.90	0.12

Fortified Samples

13	0.09	9.51	3.63	3.44	9.42	5.79	5.01	0.12
14	0.90	11.61	4.10	3.88	10.71	6.61	5.70	0.14
15	1.85	11.93	3.85	3.64	10.07	6.22	5.39	0.14
16	3.42	12.45	3.47	3.28	9.03	5.56	4.82	0.12
Average 14-16	1.57	11.37	3.76	3.56	9.81	6.05	5.23	0.13
Average 1-16	1.57	10.94	3.61	3.41	9.36	5.76	4.98	0.12

All Results Are The Average Of At Least Duplicate Analysis.

Emily Kalinowski, Technical Services Manager

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%