

Pasteurized & Homogenized Milk Samples Chemical Results

Set: 231011 DATE: 03/13/23

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	0.10	9.54	3.65	3.47	9.44	5.79	5.00	0.11
2	0.23	9.67	3.66	3.49	9.44	5.77	4.99	0.11
3	0.46	9.85	3.65	3.47	9.38	5.74	4.96	0.11
4	0.75	10.06	3.59	3.41	9.31	5.72	4.94	0.11
5	1.03	10.39	3.65	3.46	9.36	5.72	4.94	0.11
6	1.24	10.54	3.64	3.46	9.30	5.66	4.88	0.11
7	1.64	11.02	3.73	3.55	9.37	5.64	4.87	0.11
8	1.92	11.32	3.80	3.61	9.40	5.61	4.83	0.11
9	2.31	11.75	3.84	3.66	9.44	5.59	4.82	0.12
10	2.67	12.10	3.84	3.65	9.43	5.60	4.83	0.11
11	3.16	12.60	3.83	3.64	9.44	5.61	4.85	0.11
12	3.51	12.94	3.83	3.64	9.43	5.60	4.85	0.11
Average 1-12	1.58	10.98	3.73	3.54	9.40	5.67	4.90	0.11
Fortified Samples								
13	0.11	9.69	3.74	3.55	9.58	5.84	5.05	0.12
14	0.98	12.15	4.32	4.11	11.17	6.84	5.93	0.14
15	1.93	11.93	4.03	3.83	10.00	5.98	5.15	0.13
16	3.51	12.96	3.81	3.62	9.45	5.64	4.88	0.12
Average 14-16	1.63	11.68	3.98	3.78	10.05	6.07	5.25	0.13
Average 1-16	1.60	11.16	3.79	3.60	9.56	5.77	4.99	0.12

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%