



DQCI

Condensed Skim Milk Chemical Results

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Set: 260423 DATE: 06/01/26

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.11	17.77	6.77	6.43	5.47	15.01	17.67	10.90	9.14
2	0.11	19.88	7.57	7.19	6.19	13.83	19.77	12.20	10.27
3	0.11	20.97	7.98	7.58	6.53	13.93	20.86	12.87	10.82
4	0.12	22.50	8.56	8.12	7.00	13.84	22.38	13.82	11.64
5	0.13	24.13	9.14	8.67	7.46	13.95	23.99	14.85	12.40
6	0.16	25.97	9.87	9.37	8.11	13.47	25.81	15.94	13.50
7	0.17	27.74	10.54	10.01	8.63	13.76	27.58	17.04	14.31
8	0.17	29.66	11.31	10.74	9.30	13.39	29.49	18.18	15.38
9	0.19	30.91	11.70	11.11	9.64	13.21	30.72	19.02	15.98
10	0.20	31.88	12.06	11.44	9.92	13.26	31.68	19.63	16.46
11	0.20	32.44	12.31	11.68	10.16	13.02	32.25	19.94	16.86
12	0.22	33.52	12.75	12.12	10.48	13.51	33.30	20.55	17.50
Average 1-12	0.16	26.45	10.05	9.54	8.24	13.68	26.29	16.24	13.69

All Results Are The Average Of At Least Duplicate Analysis.

Bruce Kuechle, Technical Director

References:

SMEDP 15.8F, 15.12B, 15.10C
AOAC 989.05, 991.20, 991.21, 991.23, 990.20, 990.21

**Calculations:

SNF% = Total Solids% - Fat%
Other Solids% = Total Solids% - Fat% - Total N Protein%
True Protein% = Total Protein% - Non-Protein Nitrogen%
Casein% = Total Protein% - Non-Casein Nitrogen%
Rowland Index = (True Protein% - Casein%) / True Protein%