

Condensed Skim Milk Chemical Results

Set: **250435** DATE: **08/25/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.13	17.93	6.65	6.31	5.34	15.33	17.80	11.15	9.04
2	0.13	19.34	7.17	6.79	5.84	14.04	19.21	12.04	9.73
3	0.15	20.96	7.76	7.37	6.28	14.76	20.81	13.06	10.52
4	0.17	21.28	7.89	7.50	6.31	15.87	21.11	13.22	11.25
5	0.18	23.58	8.77	8.33	7.05	15.39	23.40	14.63	11.97
6	0.21	26.42	9.79	9.29	7.91	14.90	26.20	16.41	13.12
7	0.21	27.95	10.44	9.92	8.39	15.39	27.74	17.30	13.91
8	0.22	29.93	11.22	10.67	9.06	15.07	29.72	18.50	15.01
9	0.22	30.75	11.45	10.87	9.23	15.03	30.52	19.07	15.44
10	0.18	32.31	12.01	11.38	9.78	14.03	32.12	20.11	16.62
11	0.24	32.89	12.15	11.54	9.82	14.87	32.65	20.49	17.29
12	0.22	33.90	12.54	11.88	10.20	14.14	33.68	21.14	17.49
Average 1-12	0.19	26.44	9.82	9.32	7.94	14.90	26.25	16.43	13.45

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%