

Condensed Skim Milk Chemical Results

Set: **250441** DATE: **10/06/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	17.76	6.82	6.48	5.62	13.24	17.65	10.83	9.03
2	0.13	19.28	7.50	7.14	6.17	13.55	19.16	11.66	9.61
3	0.14	20.57	7.89	7.49	6.47	13.61	20.43	12.54	10.57
4	0.16	22.07	8.55	8.13	7.06	13.18	21.91	13.36	11.40
5	0.17	23.80	9.21	8.76	7.59	13.36	23.63	14.41	11.84
6	0.19	25.75	9.91	9.41	8.15	13.40	25.56	15.65	12.92
7	0.20	27.62	10.67	10.15	8.76	13.70	27.42	16.75	14.03
8	0.22	29.79	11.51	10.95	9.44	13.71	29.57	18.07	14.95
9	0.23	30.89	11.91	11.32	9.76	13.82	30.67	18.76	15.51
10	0.21	31.98	12.33	11.71	10.10	13.76	31.77	19.45	16.31
11	0.22	32.59	12.52	11.91	10.23	14.06	32.37	19.85	17.00
12	0.25	33.74	12.92	12.28	10.58	13.88	33.49	20.57	17.26
Average 1-12	0.19	26.32	10.14	9.64	8.33	13.61	26.13	15.99	13.37

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%