

Condensed Skim Milk Chemical Results

Set: **250451** DATE: **12/15/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.15	17.78	7.12	6.77	5.79	14.44	17.63	10.51	9.03
2	0.17	19.36	7.77	7.38	6.36	13.80	19.19	11.43	9.70
3	0.18	20.59	8.24	7.84	6.73	14.17	20.42	12.18	10.40
4	0.18	22.13	8.80	8.37	7.15	14.63	21.95	13.15	11.16
5	0.19	23.87	9.46	9.00	7.72	14.27	23.69	14.22	11.87
6	0.21	25.79	10.26	9.76	8.37	14.24	25.58	15.32	12.95
7	0.20	27.69	11.02	10.48	8.93	14.73	27.49	16.47	13.84
8	0.19	29.89	11.86	11.27	9.68	14.07	29.70	17.84	14.66
9	0.20	31.13	12.34	11.74	10.06	14.34	30.93	18.59	15.31
10	0.19	32.07	12.72	12.10	10.35	14.44	31.88	19.16	15.88
11	0.21	32.69	12.95	12.32	10.55	14.34	32.48	19.53	16.14
12	0.21	33.73	13.53	12.87	11.06	14.02	33.52	19.99	16.20
Average 1-12	0.19	26.39	10.51	9.99	8.56	14.29	26.20	15.70	13.09

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%