

Condensed Skim Milk Chemical Results

Set: **250427** DATE: **06/30/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.11	18.34	6.90	6.55	5.63	13.92	18.23	11.33	9.23
2	0.13	19.84	7.48	7.10	6.16	13.21	19.72	12.23	9.91
3	0.14	21.14	7.94	7.54	6.55	13.12	20.99	13.05	10.64
4	0.15	22.91	8.60	8.16	7.05	13.56	22.76	14.16	11.30
5	0.15	24.65	9.23	8.75	7.55	13.72	24.50	15.27	11.71
6	0.16	26.62	10.03	9.51	8.24	13.29	26.46	16.43	13.00
7	0.18	28.57	10.76	10.20	8.79	13.84	28.39	17.63	13.87
8	0.19	30.79	11.52	10.91	9.45	13.41	30.60	19.08	14.68
9	0.19	31.76	11.79	11.18	9.65	13.73	31.57	19.78	15.43
10	0.19	32.77	12.26	11.64	10.04	13.71	32.58	20.32	16.11
11	0.20	33.12	12.40	11.76	10.16	13.59	32.92	20.52	16.36
12	0.23	34.56	12.88	12.22	10.55	13.67	34.33	21.45	17.49
Average 1-12	0.17	27.09	10.15	9.63	8.32	13.56	26.92	16.77	13.31

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%