

Condensed Skim Milk Chemical Results

Set: **250449** DATE: **12/01/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.11	18.87	7.69	7.32	6.24	14.79	18.75	11.06	8.90
2	0.12	20.51	8.45	8.05	6.86	14.81	20.39	11.94	9.66
3	0.14	21.50	8.82	8.40	7.16	14.71	21.37	12.55	10.37
4	0.15	22.69	9.26	8.81	7.54	14.41	22.53	13.28	10.53
5	0.17	24.13	9.90	9.43	8.06	14.54	23.97	14.07	11.05
6	0.18	25.99	10.65	10.14	8.64	14.80	25.82	15.17	12.44
7	0.18	27.88	11.40	10.86	9.23	15.03	27.69	16.29	12.51
8	0.18	30.15	12.32	11.74	10.03	14.50	29.97	17.65	13.83
9	0.19	31.11	12.69	12.08	10.32	14.57	30.92	18.24	14.74
10	0.20	31.90	13.02	12.40	10.58	14.68	31.70	18.67	15.50
11	0.21	32.32	13.25	12.61	10.82	14.21	32.11	18.86	14.88
12	0.22	33.42	13.67	13.02	11.12	14.62	33.20	19.54	15.05
Average 1-12	0.17	26.71	10.93	10.41	8.88	14.64	26.54	15.61	12.46

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%