

Condensed Skim Milk Chemical Results

Set: **250453** DATE: **01/02/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.13	17.94	7.10	6.76	5.89	12.87	17.81	10.71	8.90
2	0.12	19.52	7.72	7.35	6.41	12.83	19.40	11.68	9.73
3	0.12	20.59	8.20	7.82	6.83	12.64	20.46	12.26	10.28
4	0.12	22.25	8.75	8.33	7.29	12.45	22.13	13.38	11.09
5	0.15	23.90	9.50	9.05	7.90	12.69	23.75	14.25	11.91
6	0.17	25.85	10.23	9.76	8.55	12.37	25.67	15.44	12.90
7	0.17	27.88	11.01	10.48	9.18	12.40	27.71	16.70	13.93
8	0.18	30.07	11.87	11.31	9.95	11.97	29.90	18.03	14.95
9	0.19	31.26	12.30	11.71	10.26	12.44	31.07	18.77	15.57
10	0.23	32.19	12.72	12.13	10.57	12.81	31.95	19.24	16.10
11	0.23	32.82	12.92	12.31	10.75	12.69	32.59	19.67	16.46
12	0.21	33.69	13.26	12.63	11.04	12.56	33.48	20.22	16.88
Average 1-12	0.17	26.50	10.47	9.97	8.72	12.56	26.33	15.86	13.23

All Results Are The Average Of At Least Duplicate Analysis.

Jen Tan, Technical Manager

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%