

Condensed Skim Milk Chemical Results

Set: 250447 DATE: 11/17/25

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.10	18.36	7.25	6.91	5.78	16.28	18.26	11.01	9.08
2	0.10	19.85	7.83	7.45	6.32	15.14	19.76	11.92	9.96
3	0.11	21.05	8.38	7.98	6.83	14.42	20.94	12.57	10.59
4	0.12	22.68	8.96	8.52	7.27	14.71	22.55	13.59	11.37
5	0.13	24.30	9.59	9.12	7.76	14.86	24.17	14.58	12.15
6	0.08	26.06	10.36	9.84	8.43	14.34	25.98	15.62	13.21
7	0.14	28.06	11.00	10.45	8.98	14.13	27.92	16.92	14.14
8	0.17	29.91	11.78	11.20	9.60	14.26	29.74	17.96	15.11
9	0.18	31.06	12.21	11.62	9.92	14.62	30.88	18.66	15.68
10	0.22	31.98	12.60	11.98	10.24	14.53	31.76	19.15	16.27
11	0.23	32.75	12.88	12.24	10.53	14.01	32.53	19.65	16.48
12	0.25	33.67	13.22	12.57	10.78	14.27	33.42	20.20	17.03
Average 1-12	0.15	26.64	10.51	9.99	8.54	14.63	26.49	15.99	13.42

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%