

Condensed Skim Milk Chemical Results

Set: **250433** DATE: **08/11/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	18.43	7.12	6.77	5.79	14.48	18.31	11.19	8.98
2	0.12	20.21	7.76	7.37	6.32	14.24	20.09	12.33	10.10
3	0.10	21.34	8.26	7.84	6.71	14.44	21.23	12.97	10.54
4	0.14	22.90	8.89	8.44	7.24	14.23	22.76	13.87	11.26
5	0.15	24.64	9.57	9.09	7.78	14.47	24.48	14.91	12.37
6	0.16	26.61	10.32	9.81	8.39	14.49	26.45	16.13	13.16
7	0.16	28.41	11.00	10.45	9.01	13.77	28.25	17.25	13.77
8	0.24	30.59	11.83	11.25	9.70	13.76	30.35	18.53	15.15
9	0.20	31.82	12.33	11.73	10.06	14.17	31.62	19.29	15.80
10	0.26	32.83	12.75	12.11	10.34	14.64	32.57	19.82	16.29
11	0.29	33.01	12.76	12.13	10.42	14.12	32.72	19.96	16.54
12	0.28	33.74	12.49	11.88	10.07	15.22	33.47	20.98	16.88
Average 1-12	0.18	27.04	10.42	9.91	8.49	14.34	26.86	16.44	13.40

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%