

Condensed Skim Milk Chemical Results

Set: **250443** DATE: **10/20/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	18.44	7.29	6.94	5.94	14.39	18.32	11.04	9.28
2	0.15	19.40	7.69	7.32	6.21	15.24	19.25	11.56	10.33
3	0.15	20.54	8.10	7.71	6.57	14.70	20.39	12.29	10.55
4	0.15	22.16	8.77	8.33	7.13	14.39	22.01	13.24	11.39
5	0.15	23.90	9.46	9.00	7.68	14.71	23.75	14.29	11.88
6	0.16	25.80	10.22	9.72	8.25	15.15	25.64	15.42	12.42
7	0.21	27.72	10.91	10.37	8.73	15.85	27.51	16.60	14.75
8	0.21	29.89	11.79	11.23	9.49	15.50	29.68	17.88	14.96
9	0.21	31.16	12.18	11.58	9.85	14.95	30.94	18.76	15.24
10	0.22	32.06	12.59	11.97	10.27	14.20	31.85	19.26	16.66
11	0.20	32.54	12.79	12.17	10.45	14.12	32.35	19.56	16.61
12	0.26	32.99	12.21	11.61	9.84	15.23	32.73	20.52	17.43
Average 1-12	0.18	26.38	10.33	9.83	8.37	14.87	26.20	15.87	13.46

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%