

Condensed Skim Milk Chemical Results

Set: **260403** DATE: **01/12/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.09	17.97	7.14	6.80	5.81	14.53	17.88	10.74	8.55
2	0.09	19.71	7.79	7.42	6.35	14.41	19.62	11.83	9.73
3	0.12	20.73	8.23	7.84	6.74	14.01	20.61	12.39	10.30
4	0.08	22.04	8.74	8.32	7.16	13.98	21.95	13.22	11.19
5	0.12	23.98	9.58	9.13	7.83	14.19	23.86	14.28	11.99
6	0.13	25.78	10.19	9.70	8.33	14.16	25.66	15.47	12.86
7	0.15	27.70	10.94	10.41	8.99	13.70	27.56	16.62	13.87
8	0.15	29.72	11.77	11.21	9.66	13.83	29.57	17.80	14.97
9	0.16	30.89	12.17	11.59	9.99	13.85	30.73	18.56	15.75
10	0.16	31.71	12.53	11.93	10.27	13.89	31.54	19.02	16.19
11	0.16	32.25	12.77	12.16	10.50	13.64	32.09	19.32	16.72
12	0.19	33.33	13.16	12.53	10.89	13.13	33.15	19.98	17.52
Average 1-12	0.13	26.32	10.42	9.92	8.54	13.94	26.18	15.77	13.30

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%