

Condensed Skim Milk Chemical Results

Set: **260431** DATE: **07/27/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.08	18.64	6.95	6.60	5.68	13.91	18.56	11.61	9.45
2	0.11	20.06	7.56	7.20	6.24	13.27	19.95	12.39	10.19
3	0.11	21.27	8.00	7.61	6.60	13.22	21.15	13.15	10.78
4	0.12	22.74	8.54	8.12	7.05	13.12	22.62	14.08	11.51
5	0.13	24.28	9.13	8.68	7.54	13.18	24.15	15.02	12.36
6	0.16	26.24	9.83	9.34	8.12	13.05	26.08	16.25	13.36
7	0.22	27.96	10.51	9.98	8.66	13.20	27.73	17.23	14.24
8	0.16	29.91	11.24	10.68	9.28	13.09	29.75	18.50	15.18
9	0.19	31.06	11.65	11.07	9.61	13.18	30.87	19.21	15.88
10	0.18	32.00	12.06	11.46	9.97	13.00	31.81	19.76	16.29
11	0.19	32.65	12.21	11.60	10.11	12.82	32.46	20.25	16.66
12	0.20	33.64	12.67	12.04	10.56	12.30	33.44	20.77	17.20
Average 1-12	0.16	26.70	10.03	9.53	8.29	13.11	26.55	16.52	13.59

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%