

Condensed Skim Milk Chemical Results

Set: **260437** DATE: **09/07/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	18.87	7.30	6.95	6.09	12.33	18.75	11.45	9.49
2	0.12	19.74	7.56	7.19	6.27	12.84	19.62	12.06	9.80
3	0.14	21.10	8.07	7.68	6.72	12.60	20.96	12.89	10.33
4	0.14	22.34	8.58	8.17	7.10	13.10	22.20	13.61	10.89
5	0.15	24.16	9.24	8.80	7.63	13.31	24.01	14.76	12.14
6	0.15	26.46	10.14	9.65	8.35	13.46	26.31	16.17	13.36
7	0.16	27.76	10.58	10.07	8.71	13.43	27.60	17.01	14.11
8	0.17	29.94	11.48	10.92	9.49	13.10	29.77	18.29	14.97
9	0.17	30.95	11.73	11.16	9.69	13.15	30.79	19.06	15.66
10	0.21	31.81	12.10	11.51	9.98	13.30	31.60	19.50	16.10
11	0.22	32.41	12.42	11.82	10.25	13.30	32.20	19.77	16.21
12	0.22	33.48	12.85	12.22	10.63	13.05	33.26	20.41	16.74
Average 1-12	0.16	26.59	10.17	9.68	8.41	13.08	26.42	16.25	13.32

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%