

Condensed Skim Milk Chemical Results

Set: **260429** DATE: **07/13/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	18.21	6.75	6.39	5.64	11.64	18.09	11.34	9.57
2	0.14	20.02	7.43	7.04	6.21	11.76	19.88	12.45	10.54
3	0.15	21.29	7.83	7.41	6.54	11.75	21.13	13.30	11.14
4	0.16	22.76	8.42	7.98	7.06	11.53	22.60	14.18	11.87
5	0.16	24.38	8.95	8.48	7.45	12.18	24.22	15.27	12.75
6	0.17	26.33	9.61	9.10	8.00	12.10	26.16	16.56	13.76
7	0.18	28.12	10.39	9.86	8.65	12.21	27.94	17.54	14.61
8	0.19	29.92	11.03	10.45	9.19	12.08	29.73	18.70	15.67
9	0.20	31.12	11.43	10.84	9.50	12.33	30.92	19.49	16.19
10	0.20	32.10	11.80	11.19	9.85	11.96	31.90	20.09	16.66
11	0.22	32.70	12.09	11.46	10.08	12.02	32.49	20.40	17.06
12	0.22	33.74	12.47	11.83	10.42	11.92	33.52	21.05	17.73
Average 1-12	0.18	26.73	9.85	9.34	8.22	11.96	26.55	16.70	13.96

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%