

Condensed Skim Milk Chemical Results

5205 Quincy Street, Mounds View, MN 55112
Phone: 763-785-0484, Fax 763-785-0584

Set: **260419** DATE: **05/04/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.14	17.74	6.78	6.45	5.61	13.01	17.60	10.82	9.04
2	0.15	19.35	7.42	7.06	6.16	12.76	19.20	11.78	9.87
3	0.16	20.56	7.87	7.49	6.52	12.98	20.41	12.54	10.53
4	0.16	22.10	8.44	8.02	7.00	12.70	21.94	13.50	11.39
5	0.17	23.87	9.12	8.65	7.53	12.99	23.70	14.58	12.32
6	0.19	25.78	9.85	9.34	8.15	12.75	25.59	15.74	13.31
7	0.18	27.98	10.59	10.05	8.76	12.87	27.81	17.22	14.24
8	0.19	30.07	11.41	10.84	9.47	12.62	29.89	18.48	15.31
9	0.18	31.28	11.87	11.27	9.84	12.64	31.10	19.22	15.93
10	0.19	32.26	12.23	11.63	10.11	13.07	32.07	19.83	16.49
11	0.19	32.62	12.43	11.81	10.30	12.82	32.43	20.00	16.72
12	0.19	33.84	12.64	12.00	10.25	14.51	33.65	21.01	17.30
Average 1-12	0.17	26.45	10.05	9.55	8.31	12.98	26.28	16.23	13.54

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%