

Condensed Skim Milk Chemical Results

Set: **260405** DATE: **01/26/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	18.13	7.15	6.79	5.77	15.01	18.01	10.87	9.25
2	0.13	19.49	7.70	7.32	6.18	15.51	19.36	11.66	9.91
3	0.15	20.79	8.23	7.83	6.65	15.03	20.64	12.41	10.53
4	0.15	22.27	8.81	8.38	7.19	14.20	22.11	13.31	11.26
5	0.16	23.87	9.46	9.00	7.76	13.77	23.71	14.25	12.08
6	0.16	25.71	10.18	9.69	8.34	13.97	25.55	15.37	13.04
7	0.19	27.34	10.81	10.28	8.77	14.67	27.15	16.34	13.84
8	0.19	29.41	11.60	11.03	9.48	14.08	29.23	17.63	14.85
9	0.19	30.60	12.05	11.47	9.85	14.15	30.41	18.36	15.74
10	0.19	31.49	12.36	11.75	10.11	13.96	31.30	18.94	15.94
11	0.20	32.09	12.58	11.97	10.26	14.26	31.90	19.31	16.39
12	0.21	33.35	13.12	12.48	10.75	13.89	33.14	20.02	16.98
Average 1-12	0.17	26.21	10.34	9.83	8.43	14.38	26.04	15.70	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%