

Condensed Skim Milk Chemical Results

Set: **260439** DATE: **09/21/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.09	18.15	6.92	6.58	5.82	11.58	18.06	11.14	8.91
2	0.10	19.52	7.48	7.12	6.30	11.45	19.42	11.95	9.64
3	0.11	20.59	7.91	7.53	6.64	11.77	20.48	12.57	10.46
4	0.12	22.41	8.56	8.14	7.18	11.80	22.30	13.74	11.16
5	0.12	23.97	9.16	8.68	7.69	11.40	23.86	14.69	12.15
6	0.12	25.72	9.85	9.34	8.26	11.54	25.59	15.75	13.04
7	0.13	26.95	10.28	9.74	8.62	11.56	26.81	16.53	13.52
8	0.14	29.72	11.34	10.80	9.60	11.06	29.57	18.23	15.08
9	0.19	30.81	11.81	11.23	9.89	12.01	30.62	18.82	15.77
10	0.19	31.75	12.14	11.52	10.20	11.50	31.56	19.42	16.24
11	0.19	31.78	12.10	11.48	10.08	12.23	31.59	19.49	16.25
12	0.21	33.60	12.82	12.19	10.77	11.72	33.39	20.57	17.13
Average 1-12	0.14	26.25	10.03	9.53	8.42	11.63	26.11	16.07	13.28

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%