

Condensed Skim Milk Chemical Results

Set: **260433** DATE: **08/10/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.11	18.63	6.96	6.61	5.73	13.35	18.51	11.55	9.10
2	0.11	20.23	7.64	7.25	6.30	13.10	20.12	12.49	9.97
3	0.14	21.47	8.09	7.68	6.66	13.28	21.33	13.24	10.67
4	0.15	22.95	8.66	8.22	7.13	13.31	22.81	14.15	11.25
5	0.15	24.71	9.33	8.87	7.67	13.48	24.56	15.23	12.15
6	0.15	27.32	10.40	9.88	8.57	13.28	27.17	16.77	13.48
7	0.15	28.34	10.75	10.22	8.83	13.58	28.19	17.45	13.98
8	0.16	30.38	11.46	10.89	9.40	13.61	30.22	18.76	15.12
9	0.17	31.51	11.85	11.26	9.73	13.60	31.34	19.49	15.62
10	0.18	32.30	12.14	11.52	9.93	13.84	32.12	19.98	15.42
11	0.19	32.93	12.43	11.81	10.19	13.69	32.74	20.31	16.45
12	0.20	33.90	12.81	12.16	10.50	13.64	33.70	20.90	16.83
Average 1-12	0.15	27.06	10.21	9.70	8.39	13.48	26.90	16.69	13.34

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%