

Condensed Skim Milk Chemical Results

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Set: 260407 DATE: 02/09/26

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	17.62	6.88	6.54	5.66	13.48	17.50	10.62	8.84
2	0.14	19.16	7.54	7.18	6.18	13.85	19.02	11.48	9.73
3	0.15	20.30	8.00	7.61	6.55	13.92	20.15	12.15	10.27
4	0.14	21.87	8.56	8.15	6.99	14.27	21.74	13.17	11.14
5	0.14	23.67	9.27	8.83	7.62	13.67	23.54	14.26	11.91
6	0.12	25.55	9.99	9.51	8.21	13.66	25.43	15.43	12.86
7	0.12	26.87	10.54	10.03	8.67	13.57	26.75	16.21	13.51
8	0.16	29.55	11.57	11.01	9.49	13.81	29.39	17.82	15.03
9	0.17	30.70	12.02	11.43	9.81	14.21	30.53	18.51	15.57
10	0.17	31.70	12.41	11.80	10.13	14.13	31.53	19.12	16.32
11	0.22	32.41	12.63	12.01	10.26	14.61	32.19	19.57	16.70
12	0.24	33.50	13.09	12.46	10.65	14.54	33.26	20.17	17.04
Average 1-12	0.16	26.08	10.21	9.71	8.35	13.98	25.92	15.71	13.24

All Results Are The Average Of At Least Duplicate Analysis.

Jen Tan, Technical Manager

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%