

Condensed Skim Milk Chemical Results

Set: **260435** DATE: **08/24/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.06	18.36	6.87	6.52	5.69	12.64	18.30	11.43	9.34
2	0.08	19.94	7.47	7.09	6.20	12.56	19.87	12.39	10.10
3	0.10	20.95	7.87	7.48	6.54	12.47	20.86	12.99	10.56
4	0.12	22.45	8.45	8.02	7.02	12.48	22.33	13.89	11.40
5	0.14	24.14	9.02	8.57	7.39	13.73	24.01	14.99	12.12
6	0.15	26.14	9.75	9.26	8.10	12.46	25.99	16.24	13.20
7	0.15	27.82	10.41	9.87	8.54	13.49	27.67	17.26	14.12
8	0.15	29.78	11.14	10.58	9.12	13.80	29.63	18.49	15.27
9	0.15	30.85	11.59	11.01	9.49	13.74	30.70	19.10	15.81
10	0.15	31.91	11.91	11.30	9.85	12.83	31.75	19.85	16.22
11	0.18	32.26	12.13	11.53	9.98	13.47	32.08	19.94	16.41
12	0.19	33.41	12.36	11.73	10.21	13.02	33.22	20.85	16.88
Average 1-12	0.13	26.50	9.91	9.41	8.18	13.06	26.37	16.45	13.45

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%