

Condensed Skim Milk Chemical Results

Set: **260441** DATE: **10/05/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.13	18.42	6.97	6.64	6.44	3.00	18.29	11.32	9.30
2	0.13	19.92	7.62	7.25	7.07	2.48	19.79	12.17	10.08
3	0.13	20.96	8.01	7.62	7.44	2.34	20.83	12.82	10.52
4	0.15	22.67	8.66	8.25	8.04	2.50	22.53	13.86	11.33
5	0.17	24.36	9.27	8.82	8.58	2.72	24.18	14.92	12.27
6	0.17	26.07	9.99	9.51	9.24	2.80	25.90	15.91	12.91
7	0.18	27.69	10.46	9.94	9.69	2.59	27.51	17.05	13.72
8	0.20	29.84	11.43	10.88	10.62	2.34	29.64	18.20	14.91
9	0.20	31.02	11.75	11.17	10.89	2.55	30.82	19.07	15.15
10	0.21	32.13	12.25	11.66	11.30	3.09	31.92	19.67	16.06
11	0.22	32.59	12.49	11.89	11.54	2.96	32.37	19.88	16.04
12	0.23	33.81	12.88	12.25	11.89	2.97	33.58	20.70	16.30
Average 1-12	0.18	26.62	10.15	9.66	9.39	2.69	26.45	16.30	13.22

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%