



DQCI

Condensed Skim Milk Chemical Results

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Set: 260427 DATE: 06/29/26

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.06	18.70	7.04	6.70	5.78	13.80	18.65	11.61	9.45
2	0.12	20.08	7.60	7.23	6.23	13.81	19.96	12.36	10.14
3	0.13	21.25	7.90	7.51	6.48	13.70	21.12	13.22	10.68
4	0.17	22.73	8.49	8.08	6.93	14.14	22.57	14.07	11.59
5	0.14	24.62	9.19	8.74	7.53	13.78	24.47	15.28	12.52
6	0.13	26.44	9.84	9.35	8.04	14.04	26.31	16.46	13.44
7	0.15	28.21	10.55	10.02	8.66	13.62	28.06	17.51	14.42
8	0.20	30.30	11.27	10.71	9.27	13.41	30.10	18.82	15.46
9	0.21	31.19	11.67	11.09	9.57	13.75	30.98	19.31	15.96
10	0.22	32.52	12.13	11.53	9.96	13.63	32.30	20.17	16.62
11	0.21	33.10	12.37	11.76	10.10	14.14	32.90	20.52	16.96
12	0.20	33.87	12.67	12.05	10.40	13.69	33.68	21.00	17.51
Average 1-12	0.16	26.92	10.06	9.56	8.24	13.79	26.76	16.70	13.73

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%