



DQCI

Condensed Skim Milk Chemical Results

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Set: 260411 DATE: 03/09/26

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.08	17.67	6.86	6.50	5.59	14.07	17.60	10.74	8.54
2	0.09	19.27	7.47	7.09	6.08	14.22	19.18	11.71	9.52
3	0.13	20.32	7.91	7.51	6.45	14.13	20.19	12.28	9.82
4	0.14	21.89	8.52	8.09	6.92	14.42	21.75	13.23	10.27
5	0.16	23.76	9.19	8.73	7.42	15.04	23.61	14.41	11.46
6	0.16	25.65	9.91	9.41	8.09	13.99	25.49	15.58	12.21
7	0.21	27.51	10.67	10.14	8.66	14.58	27.31	16.63	13.98
8	0.21	29.62	11.47	10.89	9.35	14.10	29.41	17.94	15.00
9	0.21	30.76	11.91	11.31	9.67	14.49	30.55	18.64	15.26
10	0.16	31.76	12.33	11.72	9.93	15.27	31.60	19.27	15.34
11	0.20	32.36	12.53	11.90	10.12	14.92	32.16	19.64	15.76
12	0.19	33.52	12.95	12.30	10.44	15.12	33.33	20.38	16.68
Average 1-12	0.16	26.18	10.14	9.63	8.23	14.53	26.01	15.87	12.82

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%