



DQCI

Condensed Skim Milk Chemical Results

5205 Quincy Street, Mounds View, MN 55112
Phone: 763-785-0484, Fax 763-785-0584

*Corrected Total Solids/SNF Results

Set: **190432** DATE: **08/05/19**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.12	18.07	6.53	6.21	5.41	12.89	17.95	11.42	9.72
2	0.12	19.66	7.10	6.75	5.87	13.01	19.54	12.44	10.45
3	0.14	20.85	7.55	7.17	6.21	13.38	20.71	13.16	10.95
4	0.20	22.41	8.12	7.71	6.61	14.23	22.21	14.10	12.38
5	0.18	24.18	8.78	8.32	7.15	14.04	24.00	15.22	12.74
6	0.22	26.21	9.44	8.96	7.71	13.90	25.99	16.55	13.24
7	0.20	28.03	10.11	9.60	8.29	13.71	27.83	17.71	14.42
8	0.17	30.32	10.91	10.34	8.92	13.67	30.15	19.24	15.95
9	0.18	31.53	11.35	10.74	9.26	13.79	31.35	20.00	16.74
10	0.19	32.64	11.71	11.10	9.52	14.26	32.45	20.75	17.20
11	0.19	33.16	11.95	11.34	9.74	14.05	32.97	21.02	17.53
12	0.23	34.89	12.50	11.90	10.08	15.31	34.66	22.16	18.21
Average 1-12	0.18	26.83	9.67	9.18	7.90	13.85	26.65	16.98	14.13

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%