



DQCI

### Condensed Skim Milk Chemical Results

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

**Set: 260417    DATE: 04/20/26**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.16	17.54	6.80	6.46	5.55	14.18	17.38	10.58	9.00
2	0.15	19.08	7.37	7.02	6.06	13.67	18.94	11.56	9.92
3	0.12	20.30	7.85	7.46	6.41	14.07	20.18	12.32	10.33
4	0.13	21.90	8.50	8.07	6.96	13.76	21.77	13.27	11.36
5	0.16	23.61	9.15	8.70	7.50	13.79	23.45	14.29	12.19
6	0.16	25.47	9.83	9.33	8.02	14.04	25.32	15.49	13.15
7	0.16	27.22	10.58	10.06	8.60	14.46	27.07	16.49	13.88
8	0.17	29.49	11.40	10.83	9.29	14.24	29.32	17.92	15.09
9	0.16	30.64	11.82	11.23	9.61	14.47	30.48	18.66	15.43
10	0.18	31.66	12.15	11.55	9.86	14.62	31.48	19.33	16.05
11	0.19	32.33	12.35	11.74	10.05	14.39	32.15	19.80	16.47
12	0.20	33.29	12.77	12.14	10.51	13.41	33.09	20.32	16.85
<b>Average 1-12</b>	<b>0.16</b>	<b>26.04</b>	<b>10.05</b>	<b>9.55</b>	<b>8.20</b>	<b>14.09</b>	<b>25.89</b>	<b>15.84</b>	<b>13.31</b>

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%