



DQCI

### Condensed Skim Milk Chemical Results

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

**Set: 250423    DATE: 06/02/25**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.11	18.02	6.83	6.48	5.63	13.15	17.92	11.09	8.87
2	0.12	19.60	7.45	7.07	6.15	13.03	19.47	12.03	9.49
3	0.13	21.03	7.92	7.51	6.52	13.18	20.89	12.98	10.37
4	0.15	22.57	8.55	8.10	7.04	13.10	22.42	13.88	11.57
5	0.15	24.39	9.17	8.69	7.54	13.24	24.24	15.07	12.61
6	0.16	26.42	9.89	9.37	8.03	14.28	26.25	16.36	13.33
7	0.16	28.32	10.64	10.09	8.77	13.13	28.16	17.52	14.50
8	0.17	30.34	11.35	10.77	9.32	13.45	30.17	18.81	15.45
9	0.18	31.62	11.91	11.30	9.83	12.95	31.44	19.53	15.66
10	0.18	32.59	12.28	11.65	10.07	13.54	32.41	20.13	16.43
11	0.18	33.07	12.48	11.84	10.27	13.30	32.89	20.41	17.08
12	0.17	34.38	12.81	12.15	10.54	13.32	34.21	21.40	17.32
<b>Average 1-12</b>	<b>0.16</b>	<b>26.86</b>	<b>10.11</b>	<b>9.59</b>	<b>8.31</b>	<b>13.30</b>	<b>26.71</b>	<b>16.60</b>	<b>13.56</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%