



DQCI

**Condensed Skim Milk
Chemical Results**5205 Quincy Street, Mounds View, MN 55112
Phone: 763-785-0484, Fax 763-785-0584**Set: 190416 DATE: 04/15/19**

Sample Number	Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**					HPLC Lactose%
				True Protein%	Casein%	Rowland Index	SNF%	Other Solids%	
1	0.09	17.55	6.54	6.19	5.43	12.15	17.46	10.92	8.78
2	0.14	19.11	7.06	6.70	5.82	13.14	18.97	11.91	9.88
3	0.18	20.32	7.61	7.22	6.30	12.72	20.14	12.53	10.64
4	0.23	21.87	8.14	7.72	6.63	14.11	21.64	13.50	11.79
5	0.21	23.56	8.67	8.21	7.14	13.05	23.35	14.68	12.09
6	0.23	25.45	9.50	9.00	7.80	13.35	25.22	15.72	13.16
7	0.25	27.28	10.21	9.68	8.40	13.27	27.03	16.82	14.18
8	0.24	29.42	11.01	10.44	9.04	13.41	29.18	18.17	15.49
9	0.27	30.68	11.70	11.10	9.62	13.31	30.40	18.71	15.42
10	0.26	31.43	11.70	11.09	9.59	13.55	31.16	19.47	16.38
11	0.25	32.28	11.86	11.23	9.70	13.68	32.03	20.18	16.45
12	0.26	33.20	12.31	11.69	10.10	13.57	32.95	20.64	17.91
Average 1-12	0.22	26.01	9.69	9.19	7.96	13.28	25.80	16.10	13.51

All Results Are The Average Of At Least Duplicate Analysis.

*Bruce Kuechle, Business Unit Manager***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%