



DQCI

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Raw Milk Component Standards Chemical Results

Set: **180006** Date: **01/29/18**

Sample Number		Mojonnier Fat%	Total Solids%	Total N Protein%	CALCULATED VALUES**						Urea (MUN) mg/dl	Freeze Point °H	TA%*
					True Protein%	Casein%	By Diff. Lactose%	SNF%	Other Solids% Total Pro.	Other Solids% True Pro.			
1		2.76	11.76	3.36	3.17	2.64	4.89	8.99	5.63	5.82	13.4	0.541	0.10
2	A	3.07	11.88	3.24	3.07	2.58	4.84	8.81	5.57	5.75	12.4	0.542	0.11
3		3.50	12.66	3.63	3.44	2.83	4.76	9.16	5.52	5.72	14.2	0.548	0.10
4		3.73	12.54	3.15	3.00	2.49	4.93	8.81	5.66	5.81	5.9	0.542	0.10
5	B	4.00	12.83	3.38	3.19	2.66	4.74	8.84	5.46	5.65	13.4	0.543	0.10
6		4.63	14.16	4.02	3.84	3.16	4.72	9.53	5.52	5.69	10.0	0.542	0.10
7	AA	3.24	12.01	3.17	3.02	2.54	4.86	8.76	5.59	5.74	8.0	0.544	0.09
8		3.69	12.63	3.33	3.17	2.64	4.88	8.94	5.61	5.77	7.7	0.543	0.09
9		3.91	12.42	3.09	2.96	2.45	4.69	8.51	5.41	5.55	2.5	0.539	0.09
10	BB	4.09	13.00	3.50	3.32	2.74	4.69	8.91	5.41	5.59	12.3	0.541	0.10
11		4.64	13.76	3.85	3.63	2.92	4.53	9.12	5.27	5.49	14.1	0.542	0.10
12		5.42	14.71	3.78	3.59	3.02	4.74	9.29	5.51	5.70	13.8	0.552	0.10
Average 1-12		3.89	12.86	3.46	3.28	2.72	4.77	8.97	5.51	5.69	10.6	0.543	0.10
RSK		0.04	9.08	3.37	3.18		4.92	9.04					

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

True Protein% = Total N Protein% - Non-Protein Nitrogen%

By Diff. Lactose% = Total Sol

SNF% = Total Solids% - Fat%

Other Solids% = Total Solids% - Fat% - Protein% (where Protein% is either Total N Protein or True)

*TA% = Titratable Acidity as Lactic Acid%