



MILK SAMPLE RESULTS for 5 SEPTEMBER 2023

Analysed by: Mérieux NutriSciences, Midrand E-mail: za.customer@mxns.com

Temp.: 1.7°C - Avg., max., min. & CV% of cow's milk only - Nos. in BLUE are unofficial

Sample Number	E coli cfu/ml	Coli- forms cfu/ml	Freezing point °C	Added water %	Bacto Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name
Avg*	10	34			22	3.84	3.51	4.89	221	9.5	<i>* Trimmed mean, 20% excluded</i>
Max	80	750			223	4.65	4.12	5.00	569	16.7	<i>42 cow's milk but 8 excluded</i>
Min	<10	<10			4	3.21	3.01	4.69	78	2.5	
CV%	117%	207%			126%	9%	7%	2%	54%	42%	



Specif. Raw Milk	< 10	< 10	-0.512 to 0.540	Nil	Unofficial: <200,000	> 3.3	> 3.0	4.5 – 5.1	< 500,000	12 – 18	Comment
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1	42571	80	160	-0.525	0.0	50	3.97	3.58	4.94	314	4.9	-
2	43219	<10	<10	-0.521	0.0	8	3.55	3.25	4.98	103	8.7	-
3	43266	10	20	-0.581	0.0	20	4.04	3.58	4.79	248	10.8	-
4	43353	<10	10	-0.524	0.0	49	3.98	3.42	4.97	204	16.5	-
5	43411	60	80	-0.526	0.0	9	3.87	3.30	4.91	81	13.0	-
6	43438	10	30	-0.524	0.0	4	3.75	3.29	4.92	123	4.1	-
7	43439	30	120	-0.522	0.0	7	3.25	3.24	4.93	123	3.8	-
8	43545	20	140	-0.522	0.0	68	4.46	4.06	4.72	525	16.7	-
9	43546	<10	40	-0.526	0.0	50	4.44	4.08	4.72	569	16.4	-
10	43614	<10	<10	-0.518	0.0	7	3.61	3.35	4.92	113	9.6	-
11	43619	<10	<10	-0.525	0.0	64	3.69	3.69	4.92	473	11.8	-
12	43682	<10	750	-0.520	0.0	108	4.62	4.12	4.74	220	7.7	-
13	43698	10	20	-0.526	0.0	47	3.78	3.27	4.89	297	12.6	-
14	43715	<10	10	-0.532	0.0	15	3.51	3.29	4.90	188	16.2	-
15	43716	30	50	-0.522	0.0	23	3.73	3.34	4.92	226	4.9	-
16	43731	>1500	>1500	-0.515	0.0	223	3.21	3.63	4.96	261	8.0	-
17	43751	<10	<10	-0.530	0.0	15	3.71	3.36	4.89	263	13.2	-
18	43752	<10	<10	-0.530	0.0	11	3.71	3.34	4.87	244	11.7	-
19	43760	<10	30	-0.527	0.0	25	4.47	3.78	4.81	134	7.4	-
20	43765	<10	<10	-0.523	0.0	12	3.68	3.51	4.96	169	7.6	-
21	43766	10	80	-0.519	0.0	10	3.48	3.29	4.95	111	12.7	-
22	43827	40	80	-0.526	0.0	18	3.75	3.25	4.85	272	12.5	-
23	43850	10	30	-0.513	0.0	10	3.84	3.56	5.00	124	3.7	-
24	43884	<10	<10	-0.527	0.0	14	3.65	3.75	4.75	341	8.7	-
25	43885	<10	<10	-0.525	0.0	7	3.73	3.01	4.81	156	14.2	-
26	43900	50	110	-0.520	0.0	52	4.10	3.63	4.69	564	11.2	-
27	43901	<10	20	-0.523	0.0	10	3.36	3.58	4.91	257	10.6	-
28	43902	<10	<10	-0.526	0.0	27	4.03	3.67	4.79	283	11.8	-
29	43903	10	50	-0.524	0.0	21	3.57	3.68	4.82	274	6.8	-
30	43975	30	60	-0.525	0.0	25	3.78	3.61	4.90	201	6.3	-
31	44001	10	30	-0.524	0.0	34	4.21	3.70	4.86	293	15.3	-
32	44004	10	40	-0.529	0.0	21	4.27	3.62	4.84	298	14.4	-
33	44005	20	170	-0.522	0.0	48	3.73	3.45	4.97	138	6.8	-
34	44025	10	20	-0.526	0.0	19	3.80	3.68	4.94	148	9.0	-
35	44050	10	20	-0.529	0.0	5	3.62	3.33	4.92	106	5.7	-
36	44051	<10	<10	-0.530	0.0	4	3.61	3.35	4.94	137	6.0	-
37	44055	<10	<10	-0.522	0.0	9	4.02	3.58	4.90	169	6.7	-
38	44056	20	60	-0.524	0.0	9	3.48	3.31	4.88	78	8.0	-
39	44057	<10	<10	-0.525	0.0	18	4.65	3.99	4.86	133	2.5	-
40	44068	<10	<10	-0.523	0.0	26	3.75	3.83	4.91	391	3.4	-
41	44115	10	50	-0.524	0.0	22	4.03	3.59	4.87	276	8.9	-
42	44116	<10	<10	-0.520	0.0	20	4.04	3.58	4.84	277	8.2	-
43	44136	<10	50	-0.521	0.0	16	4.29	3.55	4.77	434	12.9	-

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