

MILK SAMPLE RESULTS for 3 OCTOBER 2023

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



Temp.: 2.8°C - Avg., max., min. & CV% of cow's milk only - Nos. in BLUE are unofficial

Sample Number	Freezing point °C	Added water %	Bacto Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name
<i>Avg*</i>			19	4.12	3.41	4.79	271	14.3	<i>* Trimmed mean, 20% excluded</i>
<i>Max</i>			88	5.36	4.08	4.95	666	23.5	<i>49 cow's milk but 10 excluded</i>
<i>Min</i>			3	3.69	3.02	4.58	110	7.4	
<i>CV%</i>			85%	8%	6%	2%	55%	25%	



Specif. Raw Milk	-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	42573	-0.522	0.0	88	4.06	3.52	4.84	348	10.4	-
2	43215	-0.528	0.0	11	4.04	3.21	4.95	165	14.2	-
3	43328	-0.528	0.0	38	4.50	3.86	4.58	632	14.9	-
4	43329	-0.518	0.0	15	4.28	3.80	4.64	391	14.5	-
5	43498	-0.523	0.0	7	3.99	3.21	4.89	152	14.3	-
6	43667	-0.519	0.0	46	4.04	3.45	4.73	294	16.9	-
7	43719	-0.532	0.0	8	3.96	3.24	4.81	274	19.8	-
8	43830	-0.525	0.0	8	4.36	3.37	4.81	188	14.5	-
9	43834	-0.522	0.0	5	3.93	3.32	4.79	124	16.2	-
10	43880	-0.531	0.0	11	3.88	3.70	4.66	104	13.0	-
11	43914	-0.520	0.0	87	4.27	3.65	4.74	636	11.7	-
12	43953	-0.520	0.0	8	3.69	3.02	4.82	129	10.4	-
13	44013	-0.528	0.0	22	5.02	3.57	4.85	231	13.3	-
14	44016	-0.518	0.0	61	4.13	3.45	4.73	314	23.5	-
15	44018	-0.517	0.0	25	4.31	3.50	4.71	297	18.6	-
16	44028	-0.527	0.0	18	4.25	3.59	4.81	191	17.5	-
17	44087	-0.519	0.0	7	4.09	3.51	4.86	121	15.9	-
18	44088	-0.515	0.0	5	3.78	3.25	4.85	118	9.7	-
19	44089	-0.525	0.0	10	4.95	3.80	4.75	123	13.7	-
20	44101	-0.516	0.0	12	4.35	3.42	4.93	110	8.8	-
21	44104	-0.518	0.0	38	4.50	3.56	4.73	310	16.8	-
22	44107	-0.516	0.0	34	4.41	3.48	4.80	320	10.3	-
23	44109	-0.512	0.0	33	4.33	3.45	4.76	331	12.1	-
24	44120	-0.527	0.0	18	4.26	3.34	4.93	263	17.8	-
25	44161	-0.513	0.0	11	3.89	3.10	4.75	115	17.9	-
26	44162	-0.525	0.0	6	4.07	3.20	4.78	148	20.0	-
27	44167	-0.517	0.0	19	4.22	3.54	4.74	170	11.6	-
28	44169	-0.515	0.0	18	4.22	3.55	4.76	147	13.4	-
29	44173	-0.524	0.0	18	4.03	3.66	4.86	347	8.8	-
30	44174	-0.526	0.0	23	3.94	3.63	4.83	483	14.3	-
31	44175	-0.524	0.0	33	4.02	3.22	4.81	116	10.9	-
32	44176	-0.525	0.0	3	4.50	3.24	4.82	180	9.8	-
33	44190	-0.519	0.0	8	3.88	3.28	4.82	220	7.4	-
34	44196	-0.525	0.0	61	3.92	3.41	4.77	561	16.2	-
35	44198	-0.520	0.0	25	3.96	3.43	4.80	615	9.2	-
36	44220	-0.530	0.0	36	4.30	3.56	4.82	319	16.8	-
37	44221	-0.524	0.0	21	3.96	3.59	4.76	202	14.9	-
38	44222	-0.524	0.0	30	4.26	3.65	4.64	613	13.5	-
39	44224	-0.530	0.0	15	5.36	4.08	4.72	277	16.5	-

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40	44265	-0.525	0.0	9	3.81	3.42	4.72	351	14.4	-
41	44266	-0.524	0.0	14	3.73	3.32	4.70	516	15.7	-
42	44267	-0.531	0.0	19	3.97	3.43	4.94	249	13.3	-
43	44268	-0.527	0.0	26	3.97	3.10	4.88	401	13.0	-
44	44269	-0.532	0.0	17	3.76	3.39	4.66	666	17.0	-
45	44299	-0.525	0.0	16	4.16	3.16	4.77	111	18.5	-
46	44318	-0.530	0.0	12	4.25	3.43	4.83	174	20.1	-
47	44356	-0.524	0.0	17	3.70	3.12	4.86	277	10.6	-
48	44357	-0.523	0.0	13	3.90	3.10	4.84	323	10.2	-
49	44380	-0.523	0.0	7	4.30	3.40	4.75	177	19.8	-
50	44384	-0.519	0.0	13	3.88	3.27	4.75	311	16.2	-

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