





## MILK SAMPLE RESULTS for 16 JANUARY 2024

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

Temp.: 3.7°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	
<b>Avg*</b>			<b>40</b>	<b>3.97</b>	<b>3.25</b>	<b>4.82</b>	<b>314</b>	<b>17.3</b>	<i>* Trimmed mean, 20% excluded</i>	
<b>Max</b>			<b>997</b>	<b>4.81</b>	<b>3.69</b>	<b>4.93</b>	<b>957</b>	<b>24.2</b>	<i>53 cow's milk but 10 excluded</i>	
<b>Min</b>			<b>5</b>	<b>3.43</b>	<b>2.95</b>	<b>4.68</b>	<b>140</b>	<b>12.7</b>		
<b>CV%</b>			<b>221%</b>	<b>8%</b>	<b>6%</b>	<b>1%</b>	<b>58%</b>	<b>19%</b>		

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	
1	42569	-0.558	0.0	2458	3.60	2.75	4.43	1409	28.2	-
2	43540			84	3.91	3.39	4.91	506	16.3	-
3	44216			42	4.81	3.43	4.87	158	13.6	-
4	44218			64	4.16	3.61	4.81	364	16.5	-
5	44310			34	4.30	3.31	4.81	246	22.5	-
6	44329			11	3.70	3.15	4.87	142	13.5	-
7	44528			15	3.43	3.09	4.79	218	13.1	-
8	44560			8	4.07	3.09	4.88	266	15.6	-
9	44561			6	4.26	3.09	4.93	160	13.8	-
10	44568			21	3.77	3.19	4.88	361	17.6	-
11	44582			5	3.98	3.14	4.82	204	18.4	-
12	44583			6	4.42	3.17	4.81	314	18.9	-
13	44624			50	3.55	3.00	4.78	238	15.4	-
14	44640			60	3.74	3.13	4.91	397	16.7	-
15	44683			16	4.09	3.08	4.81	178	17.1	-
16	44788			41	3.69	3.15	4.78	374	17.1	-
17	44797			31	3.87	3.07	4.92	162	17.2	-
18	44827	-0.522	0.0	71	3.98	3.55	4.82	440	16.9	-
19	44829	-0.523	0.0	83	4.13	3.52	4.80	460	19.2	-
20	44831			70	4.03	3.32	4.85	292	18.1	-
21	44832			124	4.34	3.29	4.81	464	14.3	-
22	44855			14	3.68	3.27	4.86	373	13.7	-
23	44856			213	4.32	3.44	4.72	655	19.9	-
24	44859			61	4.55	3.49	4.81	385	23.2	-
25	44915			29	4.11	3.50	4.80	307	24.2	-
26	44916			41	4.05	3.46	4.79	340	24.0	-
27	44921			46	3.59	3.14	4.79	349	16.8	-
28	44928			93	4.39	3.60	4.76	538	15.6	-
29	44938			24	3.78	3.10	4.82	491	12.7	-
30	44955			36	3.58	2.98	4.77	244	14.7	-
31	45012			19	3.47	2.97	4.89	150	14.2	-
32	45013			25	3.94	3.01	4.75	216	17.4	-
33	45026			50	4.19	3.55	4.75	362	13.3	-
34	45027			50	4.14	3.55	4.75	339	14.0	-
35	45035			495	4.14	3.43	4.71	945	13.6	-
36	45036			961	4.20	3.48	4.72	913	14.4	-
37	45040			26	3.65	3.18	4.68	537	20.3	-
38	45041			997	3.68	3.16	4.70	957	19.5	-
39	45042			14	3.72	3.21	4.79	307	20.9	-

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	 
40	45043		186	3.67	3.05	4.85	853	23.5		-
41	45054		33	4.40	3.07	4.87	140	22.3		-
42	45100		16	4.11	3.51	4.87	166	16.1		-
43	45101		24	4.80	3.69	4.82	204	14.1		-
44	45212		43	4.16	3.52	4.90	250	19.7		-
45	45214		46	4.58	3.42	4.88	333	20.5		-
46	45215		19	3.86	3.05	4.79	257	22.5		-
47	45216		9	3.64	3.00	4.76	211	22.9		-
48	45217		12	3.80	3.05	4.83	190	22.2		-
49	45271		107	3.66	3.19	4.90	534	13.5		-
50	45281		21	4.06	3.08	4.81	147	18.3		-
51	45282		14	3.87	2.95	4.89	170	16.8		-
52	45300		21	4.13	3.41	4.76	312	16.4		6,614
53	45301		28	3.69	3.09	4.92	253	15.9		5,148
54	45302		12	3.79	3.17	4.86	191	19.5		6,440
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