




## MILK SAMPLE RESULTS for 30 JULY 2024

Analysed by: GreenHill Laboratories E-mail: admin@greenhilllabs.co.za

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

Sample Number	Freezing point °C	Added water %	Total Plate Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name	
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<b>Avg*</b>			<b>4</b>	<b>4.09</b>	<b>3.51</b>	<b>4.84</b>	<b>206</b>	<b>11.3</b>	<b>* Trimmed mean, 20% excluded</b>	
<b>Max</b>			<b>130</b>	<b>5.10</b>	<b>4.01</b>	<b>5.05</b>	<b>535</b>	<b>16.6</b>	<b>54 cow's milk but 11 excluded</b>	
<b>Min</b>			<b>1</b>	<b>3.20</b>	<b>3.13</b>	<b>4.66</b>	<b>58</b>	<b>3.1</b>		
<b>CV%</b>			<b>227%</b>	<b>11%</b>	<b>7%</b>	<b>2%</b>	<b>50%</b>	<b>32%</b>		

Specif. Raw Milk	-0.512 to -0.540	Nil	<200	> 3.3	> 3.0	4.5 – 5.1	< 500,000	12 – 18	Comment	
1	43745	-0.532	0.0	130	4.81	3.76	4.71	108	10.6	-
2	44429	-0.544	0.0	1	4.99	3.88	4.78	193	6.4	-
3	45811	-0.541	0.0	2	4.39	3.63	4.82	379	9.2	-
4	46025	-0.537	0.0	12	3.40	3.55	4.88	277	13.1	-
5	46115	-0.539	0.0	2	4.17	3.35	4.85	228	7.2	7,139
6	46116	-0.542	0.0	2	3.52	3.24	4.89	143	14.8	6,617
7	46117	-0.539	0.0	8	3.20	3.16	4.88	125	14.8	8,335
8	46170	-0.533	0.0	8	4.40	3.72	4.72	231	16.2	-
9	46173	-0.534	0.0	9	4.46	3.71	4.71	230	16.0	-
10	46218	-0.542	0.0	1	4.43	3.53	4.78	183	14.2	-
11	46219	-0.539	0.0	1	4.00	3.53	4.78	120	13.1	-
12	46274	-0.544	0.0	1	4.24	3.55	4.89	196	13.9	-
13	46325	-0.525	0.0	2	4.54	3.72	4.66	99	7.7	-
14	46328	-0.538	0.0	2	4.23	3.85	4.67	395	11.8	-
15	46340	-0.542	0.0	27	5.10	3.78	4.81	224	4.9	-
16	46378	-0.542	0.0	13	4.25	3.37	4.72	183	8.6	-
17	46379	-0.542	0.0	2	3.61	3.17	4.79	104	15.6	-
18	46401	-0.533	0.0	12	3.55	3.30	4.84	359	12.2	-
19	46411	-0.532	0.0	1	3.53	3.24	4.84	101	12.8	-
20	46412	-0.537	0.0	1	3.62	3.27	4.84	161	13.1	-
21	46441	-0.544	0.0	2	3.82	3.30	5.05	119	8.7	-
22	46516	-0.539	0.0	2	4.23	3.79	4.87	227	10.8	-
23	46520	-0.528	0.0	2	4.02	3.19	4.85	226	14.6	-
24	46523	-0.528	0.0	2	4.00	3.19	4.86	216	13.6	-
25	46566	-0.557	0.0	1	4.30	3.82	4.91	230	8.8	-
26	46592	-0.544	0.0	2	3.94	3.30	5.04	125	8.7	-
27	46602	-0.544	0.0	1	4.24	3.39	4.94	126	7.7	-
28	46603	-0.541	0.0	3	3.94	3.38	4.94	88	6.7	-
29	46633	-0.540	0.0	10	4.40	3.52	4.79	535	4.8	-
30	46649	-0.543	0.0	12	4.26	3.52	4.97	201	13.0	-
31	46665	-0.536	0.0	1	3.51	3.13	4.91	111	13.7	-
32	46675	-0.538	0.0	72	4.70	3.66	4.75	315	3.1	-
33	46678	-0.539	0.0	26	4.25	3.76	4.80	253	4.1	-
34	46684	-0.534	0.0	1	3.76	3.23	4.91	140	14.9	-
35	46693	-0.538	0.0	1	3.63	3.32	4.92	139	9.8	-
36	46694	-0.542	0.0	2	5.05	4.01	4.76	116	4.8	-
37	46695	-0.541	0.0	1	3.96	3.52	4.89	165	14.3	-
38	46704	-0.533	0.0	1	3.73	3.26	4.95	92	9.6	-
39	46715	-0.551	0.0		4.32	3.90	4.75	238	10.0	-

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40	46716	-0.552	0.0	4.52	3.92	4.72	349	8.3	-	
41	46717	-0.550	0.0	4.43	3.91	4.76	274	8.8	-	
42	46718	-0.551	0.0	4.60	3.89	4.75	285	8.7	-	
43	46831	-0.537	0.0	8	3.98	3.34	4.87	180	9.9	-
44	46842	-0.549	0.0	1	4.82	3.75	4.86	192	10.8	-
45	46866	-0.545	0.0	2	3.35	3.64	5.02	77	8.6	-
46	46882	-0.538	0.0	12	3.59	3.40	4.91	298	16.6	-
47	46883	-0.542	0.0	14	4.28	3.49	4.74	322	15.9	-
48	46930	-0.539	0.0	2	4.23	3.66	4.88	121	9.0	-
49	46959	-0.539	0.0	1	4.72	3.91	4.67	314	11.3	-
50	46970	-0.541	0.0	1	3.83	3.41	4.87	284	14.1	-
51	46971	-0.535	0.0	1	3.92	3.33	4.82	312	14.9	-
52	46972	-0.538	0.0	15	4.00	3.42	4.79	502	12.8	-
53	46973	-0.540	0.0	19	3.20	3.19	4.97	429	14.5	-
54	46981	-0.542	0.0	1	4.17	3.33	4.93	58	13.5	-
55	46984	-0.542	0.0	3	3.60	3.41	4.89	266	15.8	-



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