



MILK SAMPLE RESULTS for 12 MAY 2026

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

Avg., max., min. & CV% of cow's milk only

Sample Number	pH	Freezing point °C	Added water %	Total Plate Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name	
Avg*	6.50			6	4.36	3.61	4.82	392	10.8	* Trimmed mean, 20% excluded 45 cow's milk but 9 excluded	
Max	6.54			250	5.57	4.23	5.06	791	18.6		
Min	6.46			1	3.24	3.19	4.25	128	1.6		
CV%				255%	12%	8%	3%	46%	40%		

Specif. Raw Milk	6.5 to 6.65	-0.512 to -0.540	Nil	<200	> 3.3	> 3.0	4.5 – 5.1	< 500,000	12 – 18	Comment
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1	50943	6.53	-0.544	0.0	2	5.46	3.86	4.82	307	5.1	-
2	51010	6.50	-0.535	0.0	3	4.16	3.39	4.92	262	18.4	-
3	51119	6.47	-0.537	0.0	6	3.73	3.30	4.91	289	18.6	6,080
4	51134	6.51	-0.527	0.0	7	3.97	3.37	4.84	254	14.1	-
5	51135	6.54	-0.523	0.0	12	3.94	3.29	4.73	325	12.9	-
6	51248	6.52	-0.521	0.0	3	5.16	4.16	4.40	566	5.1	-
7	51249	6.51	-0.506	1.0	1	5.20	4.08	4.25	778	5.0	-
8	51324	6.52	-0.537	0.0	10	3.99	3.39	4.90	470	13.6	-
9	51332	6.47	-0.544	0.0	20	4.54	3.86	4.89	226	12.2	-
10	51374	6.51	-0.537	0.0	250	3.70	3.25	4.88	365	10.9	-
11	51388	6.50	-0.534	0.0	1	4.34	3.30	4.81	236	8.4	-
12	51516	6.48	-0.536	0.0	5	4.54	3.79	4.79	607	14.4	-
13	51523	6.53	-0.530	0.0	4	4.06	3.42	4.72	791	9.1	5,280
14	51524	6.49	-0.534	0.0	12	3.60	3.22	4.89	220	16.5	8,127
15	51609	6.51	-0.539	0.0	23	4.07	3.44	4.90	227	9.2	-
16	51632	6.51	-0.533	0.0	1	4.07	3.35	4.97	128	18.6	-
17	51701	6.52	-0.528	0.0	1	4.98	3.81	4.66	364	13.4	-
18	51702	6.52	-0.535	0.0	1	4.56	3.83	4.77	294	13.2	-
19	51718	6.52	-0.550	0.0		4.57	3.79	4.87	634	12.1	-
20	51719	6.50	-0.532	0.0	4	4.22	3.78	4.86	416	8.3	-
21	51725	6.49	-0.544	0.0	210	4.60	3.62	4.70	740	15.2	-
22	51726	6.53	-0.531	0.0	4	4.18	3.51	4.68	584	6.5	-
23	51727	6.51	-0.534	0.0	2	3.80	3.28	4.79	662	11.4	-
24	51728	6.50	-0.537	0.0	24	3.96	3.19	4.92	430	13.5	-
25	51757	6.50	-0.541	0.0	6	4.43	3.84	4.81	555	4.3	-
26	51777	6.52	-0.534	0.0	1	3.63	3.30	4.89	245	13.9	-
27	51778	6.50	-0.533	0.0	2	4.18	3.58	4.81	243	2.4	-
28	51779	6.48	-0.537	0.0	3	5.12	4.12	4.69	168	9.9	-
29	51798	6.51	-0.542	0.0		3.24	3.53	5.06	361	5.3	-
30	51799	6.49	-0.538	0.0	2	3.53	3.49	5.01	478	4.2	-
31	51812	6.51	-0.538	0.0	1	4.63	3.76	4.81	156	13.8	-
32	51813	6.48	-0.535	0.0	1	4.78	3.73	4.80	195	16.1	-
33	51877	6.50	-0.540	0.0	55	4.33	3.52	4.93	650	15.2	-
34	51885	6.49	-0.536	0.0	11	5.01	4.23	4.79	270	10.5	-
35	51886	6.52	-0.530	0.0	3	5.57	4.04	4.56	531	9.1	-
36	51896	6.50	-0.539	0.0	1	4.30	3.68	4.95	239	11.5	-
37	51897	6.51	-0.534	0.0	1	3.88	3.36	4.96	239	11.7	-
38	51932	6.49	-0.537	0.0	3	4.23	3.43	4.85	231	12.9	-
39	51934	6.52	-0.535	0.0	10	4.12	3.50	4.73	673	12.0	-
40	51946	6.46	-0.537	0.0	14	3.99	3.20	4.85	479	11.2	-
41	51948	6.50	-0.537	0.0	2	4.78	3.73	4.68	454	13.1	-
42	52007	6.53	-0.537	0.0	14	4.66	3.91	4.83	451	5.0	-
43	52016	6.51	-0.539	0.0	5	5.16	3.95	4.76	346	1.6	-
44	52062	6.48	-0.541	0.0	3	5.10	3.94	4.79	728	9.3	-
45	52066	6.50	-0.535	0.0	110	4.67	3.91	4.83	337	6.1	-

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