



MILK SAMPLE RESULTS for 28 JULY 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	4.07	3.48	4.84	254	9.6	* Trimmed mean, 20% excluded 49 cow's milk but 9 excluded	
Max	6.50			300	5.16	4.20	4.97	993	16.2		
Min	6.40			1	2.74	3.03	4.57	78	0.5		
CV%				307%	14%	8%	2%	59%	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
1	51872	6.50	-0.527	0.0	1	3.85	3.35	4.84	137	6.4	-
2	51873	6.50	-0.532	0.0	1	3.98	3.35	4.85	208	7.6	-
3	51922	6.50	-0.534	0.0	37	4.48	3.65	4.93	341	4.1	-
4	51942	6.50	-0.524	0.0	7	3.87	3.15	4.84	259	15.9	-
5	52095	6.50	-0.530	0.0	10	3.83	3.48	4.78	299	6.8	-
6	52096	6.50	-0.536	0.0	11	4.22	3.43	4.81	446	7.3	-
7	52097	6.50	-0.533	0.0	3	3.49	3.21	4.82	428	7.8	-
8	52098	6.50	-0.531	0.0	6	3.60	3.11	4.88	282	10.7	-
9	52104	6.50	-0.532	0.0	1	4.22	3.57	4.85	123	11.9	-
10	52175	6.50	-0.533	0.0	1	4.74	3.61	4.81	170	12.4	-
11	52190	6.40	-0.534	0.0	5	4.36	3.96	4.73	281	10.0	-
12	52207	6.50	-0.533	0.0	40	4.26	3.53	4.76	508	10.5	-
13	52209	6.50	-0.525	0.0	37	4.36	3.29	4.84	135	13.3	-
14	52219	6.50	-0.531	0.0	3	4.86	3.77	4.75	204	12.0	-
15	52238	6.50	-0.529	0.0	6	3.13	3.03	4.84	180	11.4	-
16	52243	6.50	-0.538	0.0	4	4.84	3.91	4.84	154	4.2	-
17	52277	6.50	-0.534	0.0	1	4.77	3.83	4.81	182	6.1	-
18	52280	6.50	-0.533	0.0	4	4.23	3.46	4.89	297	9.7	-
19	52283	6.40	-0.533	0.0	2	4.21	3.46	4.90	299	8.3	-
20	52305	6.50	-0.533	0.0	2	3.65	3.38	4.90	143	9.0	-
21	52306	6.50	-0.527	0.0	2	3.50	3.20	4.87	166	11.2	-
22	52318	6.50	-0.524	0.0	1	3.22	3.22	4.94	78	14.0	-
23	52319	6.50	-0.525	0.0	1	2.74	3.30	4.96	95	15.9	-
24	52324	6.50	-0.527	0.0	1	3.84	3.34	4.85	125	9.9	-
25	52346	6.40	-0.525	0.0	3	4.83	3.42	4.74	469	5.0	-
26	52351	6.50	-0.529	0.0	2	3.98	3.30	4.74	252	9.3	8,921
27	52352	6.50	-0.530	0.0	7	3.10	3.14	4.83	113	14.1	8,503
28	52353	6.50	-0.534	0.0	1	3.49	3.16	4.86	154	11.6	6,488
29	52398	6.50	-0.530	0.0	3	4.06	3.43	4.90	206	14.6	-
30	52399	6.50	-0.526	0.0	3	3.76	3.23	4.90	113	15.3	-
31	52412	6.50	-0.529	0.0	2	3.33	3.29	4.89	244	16.2	-
32	52413	6.50	-0.530	0.0	5	3.66	3.28	4.88	341	14.1	-
33	52440	6.50	-0.534	0.0	12	4.51	3.82	4.77	485	4.4	-
34	52445	6.50	-0.544	0.0		4.20	3.89	4.83	346	10.3	-
35	52446	6.50	-0.532	0.0	4	4.23	3.90	4.86	319	11.0	-
36	52448	6.50	-0.525	0.0	4	4.81	3.42	4.73	464	5.2	-
37	52451	6.50	-0.525	0.0	5	4.93	4.20	4.71	237	6.1	-
38	52452	6.50	-0.530	0.0	34	5.16	3.90	4.57	434	8.4	-
39	52466	6.50	-0.528	0.0	12	3.26	3.49	4.90	423	5.8	-
40	52467	6.50	-0.535	0.0		3.22	3.51	4.97	434	8.3	-
41	52480	6.50	-0.530	0.0	6	3.55	3.31	4.86	91	9.9	-
42	52481	6.50	-0.532	0.0	8	4.30	3.62	4.78	148	0.5	-
43	52482	6.50	-0.534	0.0	7	5.06	4.07	4.66	140	3.5	-
44	52505	6.40	-0.538	0.0	3	4.42	3.62	4.92	299	10.8	-
45	52508	6.50	-0.535	0.0	21	4.08	3.32	4.85	400	14.6	-
46	52630	6.50	-0.533	0.0	13	4.53	3.55	4.88	213	12.9	-

	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	
47	52633	6.50	-0.533	0.0	8	4.14	3.56	4.91	178	11.2		-
48	52637	6.50	-0.532	0.0	300	4.26	3.68	4.79	221	5.1		-
49	52639	6.50	-0.532	0.0	20	3.78	3.72	4.64	993	3.6		-

— END OF REPORT —