



MILK SAMPLE RESULTS for 21 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*	6.51			7	4.07	3.51	4.83	227	9.7	* Trimmed mean, 20% excluded 52 cow's milk but 10 excluded	
Max	6.55			300	5.09	4.18	5.03	879	18.7		
Min	6.48			1	2.82	3.15	4.63	80	1.6		
CV%				277%	15%	7%	2%	60%	38%		

	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	51676	6.52	-0.523	0.0	1	3.01	3.30	4.97	106	18.7	-
2	51677	6.52	-0.522	0.0	1	3.00	3.28	4.96	80	16.7	-
3	51821	6.51	-0.534	0.0	5	4.71	3.55	4.89	156	11.9	-
4	51822	6.54	-0.534	0.0	4	4.22	3.56	4.92	157	13.8	-
5	51869	6.52	-0.519	0.0	1	3.73	3.30	4.74	103	6.1	-
6	51870	6.51	-0.538	0.0	2	4.47	3.52	4.86	184	11.5	-
7	51871	6.52	-0.518	0.0	1	3.74	3.32	4.72	150	5.4	-
8	51921	6.52	-0.531	0.0	26	4.53	3.62	4.90	214	5.1	-
9	51944	6.50	-0.536	0.0	16	3.24	3.15	4.93	137	11.1	-
10	51982	6.51	-0.528	0.0	27	3.47	3.33	4.84	119	13.4	-
11	51983	6.50	-0.533	0.0	18	3.96	3.59	4.81	123	4.8	-
12	51984	6.49	-0.536	0.0	4	5.09	4.05	4.66	136	7.0	-
13	52051	6.53	-0.530	0.0	4	3.79	3.40	4.71	334	7.4	-
14	52052	6.52	-0.537	0.0	11	4.46	3.60	4.74	497	13.1	-
15	52053	6.52	-0.536	0.0	4	3.77	3.27	4.84	367	9.0	-
16	52054	6.48	-0.535	0.0	1	3.84	3.15	4.91	355	12.2	-
17	52088	6.50	-0.526	0.0	17	4.41	3.96	4.70	267	8.8	-
18	52089	6.50	-0.531	0.0	21	4.40	4.01	4.72	207	10.9	-
19	52102	6.51	-0.535	0.0	1	4.23	3.68	4.87	125	9.8	-
20	52103	6.51	-0.531	0.0	1	4.68	3.69	4.83	156	11.5	-
21	52169	6.51	-0.525	0.0	3	4.59	4.18	4.69	210	1.6	-
22	52205	6.52	-0.534	0.0	300	4.15	3.58	4.73	542	9.9	-
23	52206	6.50	-0.530	0.0	48	4.15	3.35	4.88	104	9.2	-
24	52216	6.50	-0.533	0.0	2	4.67	3.79	4.75	197	10.7	-
25	52240	6.50	-0.537	0.0	5	4.84	3.95	4.81	165	4.7	-
26	52260	6.49	-0.524	0.0	5	4.65	3.83	4.77	292	5.7	-
27	52262	6.49	-0.540	0.0		4.51	3.53	4.82	386	6.2	-
28	52264	6.49	-0.529	0.0	17	4.51	3.52	4.81	443	6.6	-
29	52278	6.52	-0.533	0.0	1	4.74	3.83	4.84	155	7.8	-
30	52281	6.49	-0.533	0.0	5	4.21	3.44	4.86	300	17.9	-
31	52284	6.49	-0.532	0.0	2	4.21	3.44	4.87	306	18.1	-
32	52323	6.52	-0.526	0.0	1	4.09	3.37	4.83	125	8.9	-
33	52325	6.52	-0.533	0.0	1	3.90	3.35	4.89	147	14.8	-
34	52326	6.51	-0.535	0.0	1	3.95	3.33	4.88	106	10.2	-
35	52340	6.50	-0.534	0.0		4.75	3.83	4.72	315	5.2	-
36	52350	6.53	-0.532	0.0	2	3.86	3.24	4.88	180	11.6	6,227
37	52358	6.52	-0.526	0.0	2	3.47	3.17	4.83	125	14.2	7,757
38	52359	6.53	-0.524	0.0	1	3.99	3.27	4.72	265	9.7	8,974
39	52396	6.50	-0.533	0.0	4	4.10	3.51	4.92	145	9.1	-
40	52397	6.52	-0.530	0.0	2	3.77	3.27	4.92	97	12.4	-
41	52410	6.52	-0.534	0.0	10	3.31	3.31	4.91	283	12.2	-
42	52411	6.51	-0.531	0.0	15	3.49	3.28	4.91	322	12.8	-
43	52443	6.51	-0.532	0.0	150	4.22	3.88	4.70	627	7.3	-
44	52450	6.52	-0.528	0.0	6	4.98	3.78	4.63	348	4.1	-
45	52495	6.52	-0.531	0.0	3	2.82	3.50	5.02	311	10.8	-

	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	
46	52497	6.50	-0.532	0.0	3	2.91	3.53	5.00	288	8.9		-
47	52498	6.51	-0.532	0.0	2	2.91	3.53	5.00	302	8.7		-
48	52499	6.53	-0.532	0.0	3	2.83	3.50	5.03	337	10.8		-
49	52503	6.48	-0.532	0.0	4	4.26	3.69	4.79	179	8.2		-
50	52504	6.55	-0.529	0.0	5	3.91	3.67	4.67	879	6.1		-
51	52506	6.52	-0.534	0.0	55	3.87	3.34	4.84	278	14.7		-
52	52507	6.51	-0.536	0.0	24	4.55	3.58	4.93	260	6.8		-
— END OF REPORT —												