



MILK SAMPLE RESULTS for 9 SEPTEMBER 2025

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*	6.52			5	3.85	3.37	4.84	195	13.5	* Trimmed mean, 20% excluded 50 cow's milk but 10 excluded	
Max	6.58			129	4.79	3.88	4.94	494	22.3		
Min	6.47			1	2.79	3.00	4.73	66	1.0		
CV%				218%	11%	7%	1%	45%	25%		

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	48985	6.49	-0.532	0.0	1	4.12	3.36	4.85	138	11.3	-
2	48986	6.50	-0.532	0.0	2	4.53	3.40	4.83	169	12.7	-
3	48999	6.53	-0.526	0.0	1	3.84	3.00	4.83	66	9.4	-
4	49558	6.52	-0.536	0.0	12	3.23	3.52	4.93	110	9.5	-
5	49595	6.50	-0.532	0.0	1	4.22	3.41	4.83	104	13.0	-
6	49596	6.52	-0.532	0.0	65	4.07	3.40	4.84	92	12.2	-
7	49625	6.53	-0.527	0.0	8	3.68	3.28	4.87	100	13.3	-
8	49677	6.50	-0.529	0.0	2	4.40	3.52	4.78	230	15.8	-
9	49724	6.53	-0.532	0.0	3	4.05	3.54	4.75	283	15.7	-
10	49739	6.53	-0.534	0.0	77	3.58	3.28	4.93	150	11.2	-
11	49757	6.54	-0.533	0.0	1	3.28	3.02	4.86	176	6.9	-
12	49758	6.56	-0.528	0.0	2	3.95	3.19	4.83	279	9.5	-
13	49784	6.53	-0.532	0.0	72	3.37	3.46	4.90	218	12.4	-
14	49799	6.55	-0.535	0.0	1	3.70	3.27	4.91	186	9.0	-
15	49849	6.51	-0.539	0.0	10	4.69	3.56	4.85	256	8.3	-
16	49858	6.56	-0.523	0.0	2	3.64	3.46	4.78	237	12.8	-
17	49859	6.58	-0.528	0.0	2	4.63	3.40	4.76	297	11.0	-
18	49865	6.54	-0.534	0.0	2	3.67	3.83	4.82	221	14.5	-
19	49871	6.52	-0.536	0.0	1	3.92	3.74	4.90	194	14.3	-
20	49880	6.54	-0.527	0.0	1	3.63	3.35	4.82	243	12.6	-
21	49904	6.54	-0.530	0.0	1	3.32	3.26	4.88	89	12.6	-
22	49937	6.50	-0.525	0.0	9	3.87	3.65	4.89	181	14.2	-
23	49939	6.50	-0.532	0.0	124	4.03	3.78	4.75	362	14.5	-
24	49949	6.53	-0.541	0.0	10	4.11	3.64	4.89	299	18.0	-
25	49960	6.51	-0.532	0.0	8	4.18	3.70	4.83	178	15.0	-
26	50010	6.53	-0.529	0.0	2	3.91	3.28	4.79	199	14.3	7,786
27	50011	6.50	-0.531	0.0	2	3.54	3.04	4.77	149	15.0	7,460
28	50012	6.53	-0.538	0.0	1	3.33	3.02	4.81	177	16.0	5,982
29	50037	6.53	-0.532	0.0	3	4.14	3.31	4.86	93	16.2	-
30	50038	6.52	-0.534	0.0	9	3.91	3.14	4.94	108	14.8	-
31	50039	6.53	-0.525	0.0	20	3.59	3.27	4.86	144	15.6	-
32	50043	6.50	-0.532	0.0	19	3.62	3.22	4.87	95	14.0	-
33	50044	6.52	-0.528	0.0	9	4.13	3.52	4.81	195	15.7	-
34	50045	6.47	-0.537	0.0	3	4.79	3.88	4.73	130	15.7	-
35	50052	6.51	-0.527	0.0	1	4.42	3.28	4.80	163	15.7	-
36	50061	6.52	-0.534	0.0	2	4.06	3.38	4.79	273	18.8	-
37	50062	6.52	-0.529	0.0	2	3.99	3.23	4.83	113	22.3	-
38	50064	6.51	-0.536	0.0	2	3.68	3.36	4.83	210	17.2	-
39	50069	6.51	-0.544	0.0	1	3.86	3.16	4.86	203	17.4	-
40	50082	6.53	-0.532	0.0	2	3.64	3.16	4.82	270	9.3	-
41	50083	6.53	-0.529	0.0	2	3.67	3.17	4.84	254	10.9	-
42	50122	6.50	-0.528	0.0	2	4.50	3.87	4.78	296	12.5	-
43	50128	6.53	-0.528	0.0	1	4.09	3.27	4.85	146	12.7	-
44	50140	6.54	-0.534	0.0	2	3.59	3.41	4.80	317	13.1	-
45	50141	6.54	-0.532	0.0	7	3.65	3.38	4.80	363	12.9	-
46	50142	6.55	-0.532	0.0	16	3.28	3.37	4.82	419	13.2	-
47	50143	6.51	-0.531	0.0	129	3.32	3.03	4.83	494	12.5	-
48	50178	6.54	-0.538	0.0	1	4.17	3.58	4.82	216	1.0	-

	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	
49	50180	6.54	-0.536	0.0	2	3.46	3.51	4.91	193	16.4		-
50	50260	6.56	-0.529	0.0	3	2.79	3.25	4.92	96	14.8		-
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