



MILK SAMPLE RESULTS for 30 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			3	4.11	3.45	4.87	212	13.0	* Trimmed mean, 20% excluded 50 cow's milk but 10 excluded	
Max	6.56			76	5.08	4.04	5.02	582	21.1		
Min	6.49			1	2.87	3.03	4.65	73	2.9		
CV%				206%	11%	7%	1%	45%	31%		

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	48835	6.55	-0.533	0.0		4.32	3.61	4.78	227	13.1	-
2	49411	6.53	-0.531	0.0		4.45	3.38	4.88	154	11.1	-
3	49412	6.49	-0.534	0.0		4.95	3.42	4.87	186	12.9	-
4	49628	6.53	-0.529	0.0		3.95	3.40	4.88	284	14.0	-
5	49646	6.49	-0.532	0.0		4.26	3.58	4.92	189	16.8	-
6	49678	6.51	-0.532	0.0		4.04	3.56	4.89	251	16.8	-
7	49787	6.52	-0.529	0.0		4.80	3.44	4.90	284	2.9	-
8	49788	6.51	-0.531	0.0		4.94	3.44	4.90	292	3.8	-
9	49803	6.50	-0.528	0.0		4.39	3.42	4.88	97	12.7	-
10	49866	6.53	-0.535	0.0		3.93	3.75	4.90	268	9.9	-
11	49867	6.55	-0.520	0.0		2.87	3.59	4.65	582	10.6	-
12	49872	6.52	-0.533	0.0		4.00	3.78	4.94	174	9.7	-
13	49961	6.50	-0.534	0.0		4.93	3.63	4.87	218	13.3	-
14	49985	6.52	-0.532	0.0		3.65	3.65	4.92	164	16.9	-
15	49986	6.54	-0.532	0.0		3.92	3.62	4.89	208	16.7	-
16	49995	6.51	-0.529	0.0		4.03	3.07	4.90	81	15.7	-
17	50073	6.52	-0.529	0.0		3.79	3.14	4.92	249	12.3	-
18	50079	6.49	-0.527	0.0		4.61	3.42	4.87	125	12.8	-
19	50088	6.51	-0.531	0.0		3.89	3.43	4.89	108	7.5	-
20	50089	6.54	-0.532	0.0		3.87	3.59	4.92	170	7.5	-
21	50090	6.53	-0.529	0.0		4.55	3.81	4.77	126	8.5	-
22	50107	6.53	-0.539	0.0		4.52	3.99	4.81	247	16.6	-
23	50108	6.54	-0.523	0.0		4.35	4.04	4.83	208	12.6	-
24	50117	6.56	-0.531	0.0		3.38	3.07	4.96	180	7.5	-
25	50118	6.54	-0.530	0.0		3.90	3.17	4.94	249	9.0	-
26	50145	6.54	-0.534	0.0		3.66	3.40	4.80	293	8.4	-
27	50146	6.54	-0.535	0.0		3.95	3.35	4.81	302	8.7	-
28	50147	6.56	-0.534	0.0		3.58	3.46	4.85	514	11.5	-
29	50150	6.51	-0.530	0.0		4.59	3.27	4.87	185	19.2	-
30	50169	6.50	-0.534	0.0		4.14	3.69	4.89	193	14.8	-
31	50185	6.51	-0.529	0.0		4.03	3.33	4.88	190	19.0	-
32	50186	6.50	-0.534	0.0		4.19	3.34	4.83	272	15.6	-
33	50218	6.52	-0.532	0.0		4.19	3.40	4.92	113	12.3	-
34	50236	6.52	-0.526	0.0		3.84	3.28	4.88	171	18.2	-
35	50237	6.51	-0.524	0.0		4.15	3.27	4.84	308	20.1	-
36	50238	6.53	-0.522	0.0		3.50	3.21	4.89	260	15.1	-
37	50245	6.51	-0.530	0.0		4.11	3.18	4.79	208	17.2	6,811
38	50246	6.51	-0.528	0.0		3.54	3.03	4.79	132	11.8	7,708
39	50247	6.51	-0.529	0.0		4.31	3.35	4.79	252	16.5	5,417
40	50265	6.54	-0.537	0.0		4.21	3.40	4.93	108	12.8	-
41	50266	6.52	-0.538	0.0		3.77	3.19	5.01	73	10.0	-
42	50301	6.53	-0.528	0.0		3.54	3.26	4.91	108	17.1	-
43	50314	6.54	-0.530	0.0		3.99	3.30	4.84	241	18.1	-
44	50324	6.54	-0.537	0.0		3.74	3.41	5.00	280	8.4	-
45	50361	6.53	-0.532	0.0		4.13	3.27	4.91	180	11.9	-
46	50367	6.51	-0.531	0.0		4.91	3.29	4.87	215	21.1	-
47	50368	6.55	-0.530	0.0		4.26	3.36	4.87	188	13.0	-
48	50407	6.54	-0.531	0.0		4.17	3.73	5.02	192	11.2	-

	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	50409	6.54	-0.518	0.0		3.51	3.76	4.84	303	10.4		-
50	50420	6.53	-0.530	0.0		5.08	3.67	4.84	414	12.5		-
51	50423	6.53	-0.533	0.0		4.57	3.80	4.88	342	9.9		-
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