



MILK SAMPLE RESULTS for 13 JANUARY 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*				7	3.96	3.25	4.80	311	13.6	* Trimmed mean, 20% excluded 50 cow's milk but 10 excluded	
Max				300	4.88	3.92	4.99	923	20.8		
Min				1	3.12	2.90	4.57	86	5.1		
CV%				278%	10%	7%	2%	52%	24%		

	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	50102	6.54	-0.527	0.0	9	4.11	3.40	4.80	365	15.7	-
2	50250	6.53	-0.530	0.0	1	4.01	3.29	4.74	207	16.8	6,309
3	50251	6.52	-0.523	0.0	1	3.59	2.99	4.81	238	16.8	5,998
4	50252	6.51	-0.529	0.0	1	3.70	3.10	4.79	296	20.0	5,111
5	50485	Neg	-0.528	0.0	6	3.62	3.24	4.72	284	11.9	-
6	50558	6.53	-0.525	0.0	1	4.45	3.44	4.69	238	20.8	-
7	50681	6.52	-0.527	0.0	53	4.83	3.37	4.66	923	12.2	-
8	50684	6.57	-0.525	0.0	14	4.88	3.35	4.64	875	12.0	-
9	50715	6.54	-0.525	0.0	55	3.72	3.08	4.75	253	11.3	-
10	50716	6.54	-0.527	0.0	14	3.72	3.01	4.75	292	11.6	-
11	50748	6.53	-0.534	0.0	2	4.11	3.28	4.90	362	10.4	-
12	50757	6.51	-0.535	0.0	5	3.66	3.19	4.94	385	14.4	-
13	50876	6.51	-0.534	0.0		4.48	3.90	4.57	535	13.5	-
14	50877	6.49	-0.525	0.0	1	4.70	3.92	4.59	487	17.1	-
15	50899	6.53	-0.532	0.0	31	3.71	3.16	4.84	250	15.9	-
16	50906	6.52	-0.527	0.0	1	4.14	3.09	4.78	187	11.0	-
17	50922	6.51	-0.533	0.0	2	3.59	2.95	4.87	352	11.3	-
18	50923	6.50	-0.531	0.0	3	3.84	2.99	4.84	264	13.6	-
19	50933	6.49	-0.531	0.0		3.42	3.15	4.89	202	14.2	-
20	50934	6.51	-0.530	0.0		3.90	3.39	4.82	220	9.7	-
21	50935	6.52	-0.531	0.0	2	3.84	3.21	4.79	321	13.8	-
22	50936	6.52	-0.533	0.0	3	3.87	3.16	4.85	234	11.8	-
23	50964	6.55	-0.529	0.0	13	4.29	3.59	4.87	160	6.0	-
24	50970	6.51	-0.535	0.0		4.68	3.65	4.76	180	10.9	-
25	50980	6.53	-0.532	0.0	3	4.23	3.48	4.79	445	8.4	-
26	50983	6.54	-0.530	0.0	2	4.37	3.42	4.77	523	8.3	-
27	50997	6.54	-0.524	0.0	2	4.48	3.40	4.69	483	15.0	-
28	50998	6.56	-0.527	0.0	1	4.02	3.45	4.76	291	15.7	-
29	51038	6.53	-0.533	0.0	1	3.71	3.00	4.99	142	14.6	-
30	51043	6.51	-0.537	0.0	11	3.91	3.03	4.89	354	15.5	-
31	51044	6.55	-0.533	0.0	31	4.22	3.41	4.62	401	13.6	-
32	51062	6.51	-0.529	0.0	1	4.13	3.24	4.82	179	15.6	-
33	51065	6.54	-0.529	0.0	3	4.30	3.49	4.81	242	17.2	-
34	51077	6.54	-0.530	0.0	1	3.58	2.98	4.85	457	13.9	-
35	51104	6.53	-0.538	0.0	12	3.90	3.10	4.95	191	15.1	-
36	51105	6.53	-0.525	0.0	14	3.64	3.02	4.90	198	15.1	-
37	51157	6.51	-0.529	0.0	5	4.09	3.24	4.81	110	13.5	-
38	51159	6.52	-0.531	0.0	9	4.05	3.26	4.86	86	12.2	-
39	51167	6.50	-0.534	0.0	2	3.91	3.25	4.86	255	15.0	-
40	51169	6.51	-0.532	0.0	1	4.08	3.24	4.77	369	13.9	-
41	51188	Pos	-0.534	0.0	2	3.98	3.64	4.83	328	5.1	-
42	51189	Pos	-0.524	0.0	44	3.12	3.49	4.71	653	7.8	-
43	51235	6.54	-0.532	0.0	2	3.58	3.22	4.82	355	12.1	-
44	51236	6.52	-0.531	0.0	9	3.47	3.22	4.73	425	13.8	-
45	51237	6.53	-0.531	0.0	2	3.68	3.18	4.75	523	15.0	-
46	51238	6.49	-0.529	0.0	16	3.33	2.90	4.81	419	15.3	-
47	51265	6.55	-0.528	0.0	300	4.12	3.51	4.80	291	8.7	-
48	51288	6.50	-0.531	0.0	2	4.03	3.20	4.82	105	17.9	-
49	51317	6.51	-0.532	0.0	50	4.08	3.16	4.76	441	18.3	-

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	
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50	51353	6.52	-0.529	0.0	2	4.16	3.23	4.82	182	15.9	-
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