



MILK SAMPLE RESULTS for 17 SEPTEMBER 2024

Analysed by: GreenHill Laboratories E-mail: admin@greenhilllabs.co.za

Avg., max., min. & CV% of cow's milk only - Nos. in BLUE are unofficial



Sample Number	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*			3	4.08	3.42	4.85	243	15.1	* Trimmed mean, 20% excluded
Max			297	5.22	4.19	5.02	559	25.1	55 cow's milk but 11 excluded
Min			1	3.25	3.04	4.54	73	6.1	
CV%			333%	10%	8%	2%	44%	25%	

Specif. Raw Milk	-0.512 to -0.540	Nil	<200	> 3.3	> 3.0	4.5 – 5.1	< 500,000	12 – 18	Comment
------------------	------------------	-----	------	-------	-------	-----------	-----------	---------	---------

1	45620	-0.517	0.0	2	4.51	3.32	4.73	286	25.1	6,833
2	45621	-0.520	0.0	3	3.98	3.08	4.87	164	16.9	5,179
3	45622	-0.518	0.0	7	3.67	3.10	4.85	145	13.5	6,776
4	45813	-0.528	0.0	2	4.22	3.58	4.80	308	15.2	-
5	45868	-0.542	0.0	297	5.22	3.62	4.97	73	11.2	-
6	45869	-0.535	0.0	110	4.98	4.19	4.54	415	13.9	-
7	46320	-0.522	0.0	11	4.08	3.57	4.77	286	18.2	-
8	46321	-0.525	0.0	8	4.08	3.62	4.78	269	17.7	-
9	46382	-0.530	0.0	2	3.93	3.28	4.77	172	12.1	-
10	46383	-0.524	0.0	1	3.87	3.05	4.91	92	17.2	-
11	46452	-0.526	0.0	2	4.28	3.31	4.91	178	16.8	-
12	46453	-0.526	0.0	1	3.92	3.27	4.90	153	14.9	-
13	46728	-0.530	0.0	9	4.13	3.63	4.84	258	16.1	-
14	46820	-0.522	0.0	1	3.55	3.22	4.95	126	14.7	-
15	46850	-0.527	0.0	15	4.57	3.54	4.83	221	14.3	-
16	46861	-0.528	0.0	2	4.07	3.58	4.86	206	18.5	-
17	46906	-0.523	0.0	1	3.47	3.45	4.84	299	13.5	-
18	46915	-0.525	0.0	1	4.11	3.60	4.88	181	8.6	-
19	46916	-0.530	0.0	1	3.50	3.32	4.92	173	13.3	-
20	46917	-0.529	0.0	2	4.86	3.91	4.76	144	11.1	-
21	46925	-0.526	0.0	1	4.50	3.50	4.90	188	12.9	-
22	46950	-0.525	0.0	7	4.50	3.28	4.87	215	17.2	-
23	46951	-0.521	0.0	2	4.10	3.29	4.86	162	19.0	-
24	46992	-0.526	0.0	1	4.76	3.32	4.80	321	20.0	-
25	46994	-0.530	0.0	1	4.71	3.32	4.82	322	19.0	-
26	47009	-0.526	0.0	2	3.74	3.39	4.75	515	19.3	-
27	47029	-0.522	0.0	6	3.74	3.33	4.79	398	18.7	-
28	47030	-0.527	0.0	3	4.34	3.58	4.88	464	12.8	-
29	47057	-0.528	0.0	9	4.21	3.34	4.95	204	16.2	-
30	47063	-0.520	0.0	2	4.33	3.55	4.87	235	10.2	-
31	47074	-0.524	0.0	2	4.22	3.61	4.77	382	14.0	-
32	47080	-0.527	0.0	2	4.01	3.32	4.82	367	16.1	-
33	47084	-0.526	0.0	2	3.49	3.04	4.95	358	12.2	-
34	47138	-0.533	0.0		4.37	4.03	4.85	310	14.6	-
35	47139	-0.541	0.0		4.44	4.01	4.79	307	16.6	-
36	47142	-0.531	0.0	2	3.89	3.24	4.83	464	20.9	-
37	47143	-0.529	0.0	26	3.97	3.46	4.72	280	15.1	-
38	47156	-0.526	0.0	6	3.94	3.20	4.84	286	14.4	-
39	47166	-0.521	0.0	1	4.22	3.27	4.89	196	13.8	-

Sample Number	Freezing point °C	Added water %	Total Plate Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name	
40	47167	-0.522	0.0	1	3.92	3.27	4.88	179	14.2	-
41	47197	-0.527	0.0	2	3.25	3.13	4.95	113	11.2	-
42	47198	-0.525	0.0	2	3.72	3.25	4.93	204	14.6	-
43	47205	-0.542	0.0		4.15	4.01	4.80	265	16.4	-
44	47206	-0.523	0.0	2	5.09	3.85	4.75	387	17.4	-
45	47212	-0.526	0.0	1	4.05	3.33	4.91	100	20.7	-
46	47214	-0.528	0.0	2	4.04	3.19	4.84	282	19.6	-
47	47219	-0.528	0.0	1	3.92	3.34	5.01	123	15.6	-
48	47220	-0.528	0.0	2	3.90	3.33	4.93	130	11.4	-
49	47255	-0.514	0.0	7	3.46	3.16	4.86	122	16.0	-
50	47256	-0.519	0.0	2	3.50	3.21	4.84	220	15.6	-
51	47320	-0.532	0.0	8	3.72	3.57	4.94	207	6.4	-
52	47321	-0.534	0.0	2	3.83	3.56	5.02	210	6.1	-
53	47342	-0.526	0.0	235	4.51	3.60	4.77	559	7.0	-
54	47380	-0.529	0.0	2	3.91	3.76	4.88	273	13.8	-
55	47381	-0.530	0.0	6	4.25	3.70	4.88	352	11.9	-

— END OF REPORT —