



MILK SAMPLE RESULTS for 17 DECEMBER 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	pH	E coli cfu/ml	Coli-forms cfu/ml	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*	6.54					8	4.05	3.24	4.76	257	14.2	* Trimmed mean, 20% excluded
Max	6.57					140	4.87	3.94	4.91	541	19.7	49 cow's milk but 10 excluded
Min	6.51					1	3.48	2.91	4.59	90	5.4	
CV%						189%	7%	7%	2%	44%	25%	



Specif. Raw Milk	6.5 to 6.65	< 1	< 10	-0.512 to -0.540	Nil	<200	> 3.3	> 3.0	4.5 - 5.1	< 500,000	12 - 18	Comment	
1	45598	6.55		-0.523	0.0	1	4.26	3.51	4.74	217	16.5	-	
2	46461	6.51		-0.520	0.0	5	4.07	3.08	4.76	138	15.9	-	
3	46464	6.53		-0.526	0.0	86	3.90	3.14	4.72	444	13.5	-	
4	47368	6.53		-0.528	0.0	1	4.09	3.21	4.81	173	13.3	-	
5	47369	6.54		-0.527	0.0	1	4.40	3.21	4.80	226	15.0	-	
6	47456	6.55		-0.529	0.0	3	4.16	3.38	4.86	281	11.1	-	
7	47516	6.48	32	87	-0.552	0.0	300	3.06	3.32	4.87	82	13.7	-
8	47538	6.54		-0.519	0.0	15	4.25	3.41	4.65	242	18.2	-	
9	47539	6.55		-0.523	0.0	21	3.97	3.46	4.74	206	15.3	-	
10	47540	6.55		-0.527	0.0	1	4.41	3.21	4.81	226	14.0	-	
11	47541	6.54		-0.528	0.0	1	4.09	3.21	4.81	155	13.6	-	
12	47556	6.54		-0.528	0.0	93	3.86	3.41	4.86	300	10.1	-	
13	47612	6.56		-0.527	0.0	11	4.15	3.19	4.77	187	16.4	-	
14	47613	6.55		-0.524	0.0	1	3.98	3.13	4.76	140	12.3	-	
15	47631	6.56		-0.521	0.0	6	4.23	3.14	4.72	175	13.8	-	
16	47694	6.54		-0.523	0.0	2	3.86	3.34	4.64	309	19.7	-	
17	47705	6.55		-0.527	0.0	2	4.31	3.19	4.83	299	17.6	-	
18	47708	6.55		-0.528	0.0	3	4.07	3.13	4.84	180	13.2	-	
19	47744	6.55		-0.523	0.0	2	3.48	3.16	4.75	313	9.0	-	
20	47759	6.54		-0.525	0.0	1	4.32	3.56	4.82	90	10.7	-	
21	47793	6.53		-0.524	0.0	1	4.18	3.03	4.78	273	17.2	5,134	
22	47819	6.54		-0.521	0.0	26	3.78	3.31	4.78	172	11.3	-	
23	47846	6.52		-0.526	0.0	9	4.20	2.95	4.81	138	14.5	-	
24	47848	6.54		-0.525	0.0	1	4.09	3.00	4.82	119	15.9	-	
25	47851	6.54		-0.525	0.0	3	4.43	3.45	4.86	154	9.8	-	
26	47855					2				490		-	
27	47872	6.55		-0.530	0.0	19	4.22	3.19	4.87	268	13.1	-	
28	47878	6.53		-0.539	0.0	10	3.95	3.55	4.91	459	10.2	-	
29	47906	6.56		-0.533	0.0	2	3.89	3.54	4.83	215	6.1	-	
30	47907	6.54		-0.526	0.0	2	3.83	3.22	4.78	165	7.1	-	
31	47908	6.52		-0.530	0.0	4	4.87	3.72	4.71	183	5.4	-	
32	47929	6.53		-0.525	0.0	114	3.53	3.08	4.74	490	16.8	-	
33	47935	6.55		-0.524	0.0	18	4.08	3.44	4.69	382	12.0	-	
34	47941	6.53		-0.528	0.0	2	4.14	3.60	4.77	272	13.1	-	
35	47952	6.57		-0.537	0.0		4.55	3.94	4.65	350	17.9	-	
36	47953	6.55		-0.521	0.0	1	4.46	3.84	4.64	339	17.4	-	
37	47988	6.54		-0.520	0.0	9	4.02	3.00	4.74	235	17.1	-	
38	48004	6.55		-0.528	0.0	2	4.03	3.07	4.59	170	15.9	-	
39	48015	6.52		-0.526	0.0	1	3.91	2.96	4.85	151	15.9	-	
40	48025	6.55		-0.520	0.0	2	3.71	3.10	4.73	167	11.2	-	
41	48026	6.56		-0.521	0.0	6	3.69	3.09	4.71	197	12.3	-	
42	48033	6.53		-0.521	0.0	1	4.25	3.25	4.70	216	15.0	6,185	
43	48034	6.51		-0.520	0.0	1	3.69	3.01	4.74	177	16.6	7,536	
44	48040	6.53		-0.529	0.0	140	4.23	3.50	4.71	518	7.4	-	
45	48197	6.52		-0.526	0.0	6	4.35	3.16	4.74	363	17.9	-	
46	48199	6.52		-0.526	0.0	7	4.33	3.16	4.75	336	17.5	-	
47	48200	6.54		-0.525	0.0	35	3.48	3.23	4.68	328	17.5	-	
48	48201	6.54		-0.520	0.0	16	3.62	3.05	4.65	440	15.2	-	
49	48202	6.53		-0.526	0.0	52	3.55	3.13	4.65	541	15.5	-	
50	48203	6.53		-0.523	0.0	26	3.57	2.91	4.77	441	14.2	-	

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