



MILK SAMPLE RESULTS for 10 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	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*					4	4.16	3.52	4.87	272	14.6	* Trimmed mean, 20% excluded
Max					168	5.00	4.09	5.01	705	25.4	54 cow's milk but 11 excluded
Min					1	2.85	3.09	4.68	83	7.7	
CV%					254%	10%	7%	1%	51%	25%	



Specif. Raw Milk	< 1	< 10	-0.512 to 0.540	Nil	<200	> 3.3	> 3.0	4.5 – 5.1	< 500,000	12 – 18	Comment
------------------	-----	------	-----------------	-----	------	-------	-------	-----------	-----------	---------	---------

1	45867			-0.536	0.0	2	5.00	3.83	5.01	146	9.2	-
2	46155			-0.518	0.0	8	2.85	3.59	4.91	83	18.0	-
3	46323			-0.522	0.0	8	4.04	3.65	4.83	249	18.5	-
4	46380			-0.529	0.0	2	4.17	3.32	4.76	177	7.8	-
5	46381			-0.525	0.0	2	4.10	3.09	4.95	128	15.9	-
6	46450			-0.528	0.0	72	4.64	3.44	4.91	206	16.4	-
7	46451			-0.527	0.0	1	4.03	3.40	4.90	197	16.5	-
8	46574	1	9	-0.524	0.0	11	4.19	3.85	4.84	360	10.4	-
9	46609			-0.523	0.0	9	3.85	3.69	4.91	196	11.2	-
10	46726			-0.530	0.0	2	4.30	3.72	4.86	275	14.7	-
11	46783			-0.520	0.0	8	3.68	3.29	4.91	97	14.2	-
12	46784			-0.520	0.0	10	3.68	3.31	4.87	154	15.5	-
13	46810	2	29	-0.527	0.0	7	4.25	3.80	4.87	428	11.2	-
14	46854			-0.527	0.0	3	4.53	3.61	4.83	182	14.3	-
15	46864			-0.523	0.0	14	4.56	3.58	4.83	285	17.8	-
16	46875	2	11	-0.531	0.0	2	4.03	3.62	4.85	479	11.5	-
17	46908			-0.522	0.0	1	3.80	3.56	4.90	451	14.6	-
18	46912			-0.528	0.0	1	4.13	3.72	4.88	173	9.8	-
19	46913			-0.531	0.0	1	3.80	3.38	4.93	159	11.0	-
20	46914			-0.532	0.0	20	4.96	4.09	4.75	211	7.7	-
21	46926			-0.531	0.0	1	4.65	3.76	4.93	219	9.0	-
22	46953			-0.527	0.0	1	4.65	3.43	4.87	245	16.6	-
23	46954			-0.523	0.0	1	4.00	3.42	4.83	195	17.2	-
24	47059			-0.531	0.0	9	3.99	3.48	4.99	305	13.5	-
25	47060			-0.518	0.0	1	4.49	3.62	4.92	267	14.3	-
26	47061			-0.529	0.0	2	4.91	3.73	4.76	475	14.4	-
27	47075	< 1	72	-0.585	0.0	6	4.80	2.71	4.82	1217	26.2	-
28	47081			-0.525	0.0	2	4.10	3.48	4.82	381	14.4	-
29	47082			-0.523	0.0	3	4.40	3.50	4.81	577	16.0	-
30	47083			-0.528	0.0	126	3.75	3.42	4.83	705	15.1	-
31	47097	< 1	9									-
32	47119			-0.523	0.0	2	4.31	3.39	4.90	282	13.0	-
33	47130			-0.529	0.0	3	4.46	3.42	4.90	316	17.6	-
34	47134			-0.529	0.0	2	4.45	3.42	4.90	325	19.1	-
35	47135			-0.538	0.0		4.88	3.97	4.77	501	14.3	-
36	47136			-0.542	0.0		4.14	3.99	4.84	313	16.3	-
37	47137			-0.507	0.9	1	3.82	4.01	4.68	376	14.2	-
38	47140			-0.527	0.0	2	3.98	3.26	4.86	474	19.2	-
39	47141			-0.526	0.0	16	4.19	3.56	4.70	357	14.3	-
40	47154			-0.545	0.0		4.06	4.00	4.90	325	12.4	-
41	47158			-0.525	0.0	1	4.09	3.26	4.85	411	19.8	-
42	47159			-0.526	0.0	2	4.08	3.27	4.86	429	21.2	-
43	47165			-0.524	0.0	1	3.77	3.32	4.92	217	15.6	-
44	47180			-0.526	0.0	1	4.07	3.78	4.91	209	13.4	-
45	47181			-0.525	0.0	2	4.08	3.78	4.91	214	13.7	-
46	47190			-0.520	0.0	2	3.43	3.31	4.95	124	11.4	-
47	47195			-0.522	0.0	2	3.32	3.17	4.92	110	10.1	-

Sample Number	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	
48	47196		-0.521	0.0	2	3.74	3.25	4.92	151	14.3		-
49	47203		-0.521	0.0	1	4.47	3.39	4.89	127	20.0		-
50	47204		-0.526	0.0	114	4.26	3.31	4.84	335	19.8		-
51	47217		-0.529	0.0	1	3.96	3.32	4.95	127	11.5		-
52	47218		-0.528	0.0	2	4.36	3.43	4.92	198	13.0		-
53	47287		-0.531	0.0	2	4.16	3.32	4.95	271	19.2		7,451
54	47288		-0.522	0.0	2	4.63	3.50	4.78	412	25.4		5,628
55	47289		-0.522	0.0	8	3.81	3.23	4.85	173	16.0		7,666
56	47340		-0.534	0.0	168	4.55	3.75	4.78	694	8.0		-

— END OF REPORT —