



## MILK SAMPLE RESULTS for 29 OCTOBER 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	Freezing point °C	Added water %	Total Plate Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name
<b>Avg*</b>	<b>6.51</b>			<b>4</b>	<b>4.01</b>	<b>3.36</b>	<b>4.79</b>	<b>232</b>	<b>12.7</b>	<i>* Trimmed mean, 20% excluded</i>
<b>Max</b>	<b>6.54</b>			<b>96</b>	<b>5.16</b>	<b>4.04</b>	<b>4.95</b>	<b>431</b>	<b>20.2</b>	<i>47 cow's milk but 9 excluded</i>
<b>Min</b>	<b>6.46</b>			<b>0</b>	<b>3.31</b>	<b>3.04</b>	<b>4.63</b>	<b>80</b>	<b>6.1</b>	
<b>CV%</b>				<b>236%</b>	<b>10%</b>	<b>7%</b>	<b>1%</b>	<b>40%</b>	<b>27%</b>	



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	46674	6.52	-0.532	0.0	1	4.10	3.40	4.84	149	10.0	-
2	46774	6.53	-0.529	0.0	4	4.04	3.15	4.63	286	15.1	-
3	46787	6.53	-0.523	0.0	5	3.62	3.30	4.83	163	11.3	-
4	46788	6.52	-0.526	0.0	1	3.61	3.28	4.85	181	11.9	-
5	46835	6.50	-0.534	0.0	8	5.16	3.36	4.80	247	11.5	-
6	46944	6.49	-0.528	0.0	0	4.09	3.25	4.82	198	11.7	-
7	47010	6.50	-0.529	0.0	1	3.97	3.25	4.81	132	10.0	-
8	47021	6.51	-0.528	0.0	1	3.63	3.20	4.84	80	13.7	-
9	47022	6.52	-0.532	0.0	1	4.01	3.33	4.83	118	15.6	-
10	47034	6.52	-0.534	0.0	15	3.93	3.53	4.90	431	6.8	-
11	47188	6.49	-0.527	0.0	6	4.19	3.49	4.71	397	12.4	-
12	47209	6.51	-0.536	0.0		4.52	4.04	4.64	313	14.6	-
13	47226	6.53	-0.530	0.0	2	4.15	3.55	4.83	217	12.2	-
14	47239	6.51	-0.530	0.0	1	4.78	3.94	4.71	354	12.4	-
15	47244	6.51	-0.528	0.0	1	4.42	3.67	4.82	248	13.7	-
16	47275	6.49	-0.530	0.0	1	3.85	3.08	4.87	172	14.9	-
17	47316	6.51	-0.525	0.0	1	4.47	3.58	4.88	138	7.4	-
18	47319	6.53	-0.531	0.0	12	4.33	3.68	4.80	353	11.6	-
19	47339	6.52	-0.533	0.0	89	3.32	3.56	4.95	153	8.1	-
20	47356	6.49	-0.539	0.0	2	4.55	3.71	4.87	311	14.4	-
21	47427	6.51	-0.522	0.0	1	3.99	3.55	4.81	200	6.3	-
22	47444	6.52	-0.523	0.0	0	4.01	3.24	4.75	135	11.4	-
23	47447	6.51	-0.521	0.0	1	3.78	3.64	4.80	123	20.2	-
24	47464	6.51	-0.530	0.0	1	3.31	3.06	4.82	130	9.5	-
25	47509	6.53	-0.522	0.0	1	3.69	3.14	4.89	142	10.8	-
26	47513	6.50	-0.527	0.0	60	3.74	3.13	4.79	326	9.9	-
27	47547	6.53	-0.520	0.0	3	4.73	3.40	4.68	321	17.7	-
28	47553	6.54	-0.531	0.0	1	3.80	3.64	4.83	184	7.6	-
29	47554	6.52	-0.531	0.0	1	3.61	3.31	4.84	175	6.1	-
30	47560	6.53	-0.525	0.0	10	4.14	3.48	4.77	233	15.5	-
31	47580	6.51	-0.531	0.0	1	3.50	3.30	4.76	244	14.3	-
32	47581	6.50	-0.528	0.0	1	3.68	3.13	4.74	300	13.8	-
33	47582	6.51	-0.533	0.0	10	3.65	3.33	4.75	400	16.8	-
34	47583	6.46	-0.527	0.0	96	3.50	3.04	4.76	400	17.5	-
35	47660	6.49	-0.522	0.0	0	4.20	3.28	4.80	113	14.6	-
36	47663	6.52	-0.524	0.0	13	4.01	3.27	4.78	215	16.7	-
37	47665	6.48	-0.528	0.0	1	4.04	3.24	4.76	230	14.1	-
38	47671	6.48	-0.530	0.0	8	4.03	3.31	4.78	376	15.6	-
39	47672	6.53	-0.531	0.0	9	3.99	3.31	4.78	365	16.9	-
40	47680	6.50	-0.532	0.0	9	4.68	3.23	4.90	242	15.8	-
41	47720	6.52	-0.533	0.0	0	4.98	3.96	4.70	123	7.8	-
42	47725	6.51	-0.534	0.0	14	3.57	3.16	4.76	318	14.0	-



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	
43	47726	6.54	-0.527	0.0	1	4.10	3.53	4.69	308	14.3	-
44	47764	6.51	-0.534	0.0	1	4.33	3.60	4.85	181	6.3	-
45	47780	6.51	-0.528	0.0	1	4.13	3.30	4.70	272	15.6	6,983
46	47781	6.52	-0.520	0.0	0	3.58	3.04	4.77	175	12.8	6,865
47	47782	6.50	-0.522	0.0	1	4.01	3.04	4.78	239	13.5	5,082

— END OF REPORT —