



## MILK SAMPLE RESULTS for 28 FEBRUARY 2023

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Temp.: 1.7°C - Avg., max., min. & CV% of cow's milk only - Nos. in BLUE are unofficial

Sample Number	Bacto Count <i>cfu x 1K/ml</i>	Butterfat %	Protein %	Lactose %	SCC <i>x1K/ml</i>	Milk Urea Nitrogen <i>mgN/dl</i>	Name	Total Plate Count <i>cfu/ml</i>
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<b>Avg*</b>	21	4.10	3.30	4.86	312	10.0	* Trimmed mean, 20% excluded
<b>Max</b>	228	5.05	3.79	5.06	608	17.8	46 cow's milk but 9 excluded
<b>Min</b>	1	3.15	2.97	4.70	101	2.2	
<b>CV%</b>	150%	10%	7%	2%	43%	40%	

Specif. Raw Milk	Unofficial: <200,000	> 3.3	> 3.0	4.5 – 5.1	< 500,000	12 – 18	Total plate count: <200,000 cfu/ml
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1	41725	1	4.16	3.14	4.89	249	12.1	4,000
2	41728	1	3.99	3.12	4.97	194	7.8	4,000
3	41730	1	4.04	3.15	4.86	182	14.0	4,000
4	41775	6	4.60	3.62	4.75	419	13.8	15,000
5	41788	106	4.02	3.50	4.97	415	8.0	124,000
6	41806	48	4.22	3.47	4.83	530	14.0	70,000
7	41808	66	4.21	3.46	4.85	524	12.0	88,000
8	41897	30	3.61	3.16	4.95	101	14.1	50,000
9	41941	2	4.89	3.64	4.75	212	12.5	8,000
10	41974	3	4.33	3.20	4.83	245	14.2	9,000
11	42007	3	3.70	3.07	4.81	201	9.8	10,000
12	42015	6	4.33	3.08	4.83	299	3.1	15,000
13	42192	2	4.24	3.35	4.82	336	7.3	8,000
14	42254	11	4.59	3.35	4.90	172	17.8	24,000
15	42279	6	3.68	3.25	4.82	302	3.3	15,000
16	42283	12	3.41	3.20	5.04	488	2.5	26,000
17	42284	2	3.15	3.04	5.05	359	3.7	6,000
18	42319	30	3.86	3.26	4.90	258	11.3	50,000
19	42345	139	3.63	3.27	4.93	388	12.6	150,000
20	42346	105	4.01	3.28	4.91	598	9.5	123,000
21	42347	44	3.83	3.13	4.88	608	8.2	66,000
22	42350	17	4.00	3.34	4.96	183	14.6	33,000
23	42357	5	4.14	3.01	4.94	219	8.2	14,000
24	42378	12	3.90	3.00	5.06	120	5.5	26,000
25	42401	137	4.30	3.66	4.81	303	8.5	149,000
26	42404	228	4.29	3.64	4.81	277	11.2	215,000
27	42407	10	4.24	3.39	4.74	227	9.3	22,000
28	42408	6	3.44	3.10	4.91	173	2.2	15,000
29	42409	6	4.86	3.65	4.83	186	5.2	16,000
30	42421	78	4.20	3.53	4.77	435	4.4	99,000
31	42423	4	4.13	3.59	4.75	371	12.1	11,000
32	42430	1	3.73	3.13	4.78	227	13.7	3,000
33	42431	8	3.99	3.21	4.89	385	15.0	19,000
34	42442	2	3.94	3.13	4.92	298	11.3	6,000
35	42443	22	3.90	3.10	4.92	389	4.7	40,000
36	42457	10	4.53	3.78	4.85	171	12.6	23,000
37	42458	59	4.83	3.74	4.70	503	10.5	81,000

Sample Number	Bacto Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name	Total Plate Count cfu/ml
38	42465	50	4.36	3.50	4.86	398		72,000
39	42466	45	5.05	3.79	4.74	443		67,000
40	42475	27	4.00	2.97	4.96	436		46,000
41	42476	14	3.89	3.05	4.85	473		29,000
42	42496	2	3.98	3.19	4.85	189		7,000
43	42497	3	4.09	3.15	4.86	198		9,000
44	42506	4	4.63	3.64	4.70	579		11,000
45	42536	3	4.19	3.30	5.03	166		10,000
46	42595	48	3.84	3.02	4.85	306		70,000

These Bactoscan figures were calculated from Total Plate Count (TPC)  
 $\log_{10}(\text{TPC}) = 0.722 \times \log_{10}(\text{BC}) - 1.474$  ( $r^2=82.3\%$ )

— END OF REPORT —