



MILK SAMPLE RESULTS for 3 DECEMBER 2019

Samples analysed by: Mérieux NutriSciences, Midrand E-mail: za.customercare@mxns.com

Sample temperature at lab: 5.5 °C. Avg., max., min. & CV% are only those of cow's milk

Sample Number	Freezing point °C	Added water %	Bacto Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name	Note
Avg*			48	3.77	3.15	4.72	296	15.7	* Trimmed mean, 20% discarded	
Max			4,427	8.20	3.67	5.00	2,276	20.1		
Min			10	2.27	2.79	2.99	114	6.2		
CV%			327.1%	18.3%	5.8%	5.2%	99.7%	18.0%		

Specif. Raw Milk	-0.512 to 0.540	Nil	Unofficial: <200,000	> 3.3	> 3.0	4.5 – 5.1	< 500,000	12 – 18	Total plate count: <200,000/ml
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30635	-0.521	0.0	148	4.26	3.24	4.60	791	16.3	-
30932	-0.527	0.0	1011	3.96	3.31	4.50	1791	6.2	-
30933	-0.511	0.2	586	3.21	3.05	4.74	1445	11.8	-
30934	-0.534	0.0	588	3.57	3.24	4.68	1123	17.0	-
31665	-0.542	0.0	24	3.68	3.38	4.69	432	16.0	-
31755	-0.530	0.0	1972	4.62	3.00	4.68	2276	15.7	-
31858	-0.537	0.0	11	3.48	3.04	4.76	236	16.6	4,405
31859	-0.524	0.0	12	3.46	3.00	4.65	389	13.1	6,586
32296	-0.525	0.0	12	3.91	3.08	4.79	281	14.8	-
32297	-0.527	0.0	19	3.43	3.08	4.67	202	14.9	-
32324	-0.528	0.0	17	3.46	3.10	4.79	207	16.8	-
32371	-0.531	0.0	23	3.63	3.26	4.67	324	19.1	-
32372	-0.526	0.0	41	4.05	3.17	4.65	472	18.2	-
32392	-0.521	0.0	11	3.64	2.99	4.73	244	16.2	-
32393	-0.556	0.0	13	4.70	3.46	4.70	194	14.7	-
32404	-0.532	0.0	44	3.59	3.03	4.73	661	17.6	-
32414	-0.555	0.0	36	3.51	3.08	4.77	138	18.7	-
32426	-0.521	0.0	26	8.20	2.89	4.35	243	9.8	-
32448	-0.525	0.0	25	3.58	3.12	4.84	350	18.1	-
32449	-0.524	0.0	24	3.60	3.05	4.79	479	18.2	-
32451				4.39	3.33	4.74	187	15.3	-
32452				4.04	3.15	4.80	136	15.2	-
32453	-0.563	0.0	41	4.20	3.42	4.69	195	8.3	-
32484				4.46	3.65	4.66	299	15.7	-
32507	-0.528	0.0	35	3.63	3.03	4.64	176	15.2	-
32508	-0.530	0.0	21	3.48	2.98	4.79	205	13.5	-
32531	-0.525	0.0	5642	3.63	3.04	4.45	12183	16.4	-
32555	-0.518	0.0	13	3.55	2.98	4.83	188	14.7	-
32556	-0.522	0.0	10	3.55	3.02	4.86	157	16.6	-
32567	-0.545	0.0	36	3.50	3.03	4.74	305	16.1	13,712
32568	-0.525	0.0	18	3.97	3.07	4.78	231	16.1	19,537
32584	-0.527	0.0	23	3.87	3.16	4.71	237	15.2	12,589
32625			10	2.27	3.54	4.88	114	20.1	cow
32629	-0.518	0.0	26	4.07	3.31	4.70	346	11.5	-
32643	-0.525	0.0	28	3.67	3.01	4.75	208	19.7	-
32699	-0.503	1.6	42	3.60	3.12	4.64	232	13.5	-
32723	-0.525	0.0	46	4.26	3.45	4.78	268	18.2	-
32740	-0.530	0.0	20	4.24	3.50	4.71	295	16.9	-
32749	-0.528	0.0	19	4.32	3.46	4.69	208	16.4	-
32752				4.17	3.37	4.75	602	16.2	-
32789	-0.521	0.0	12	3.43	3.18	4.77	192	18.1	-
32805	-0.527	0.0	14	3.22	3.00	4.68	260	13.7	-
32806	-0.522	0.0	143	3.43	3.12	4.63	435	13.8	-
32807	-0.527	0.0	25	3.83	3.19	4.68	226	16.3	-
32808	-0.527	0.0	16	3.69	3.18	4.80	271	16.5	-
32809	-0.530	0.0	26	4.11	3.12	4.75	483	10.2	-
32828	-0.529	0.0	20	4.52	3.39	4.78	287	18.6	-
32838	-0.528	0.0	23	3.83	3.06	4.71	313	13.1	5,274
32839	-0.523	0.0	16	3.85	3.07	4.41	229	17.0	5,513
32930	-0.529	0.0	33	3.53	2.99	4.83	317	15.6	-

Sample Number	Freezing point °C	Added water %	Bacto Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name	Note
32931	-0.525	0.0	39	3.58	2.99	4.82	334	16.4		-
32951	-0.534	0.0	16	4.07	3.14	4.75	207	15.6		-
32952	-0.529	0.0	17	3.61	3.09	4.77	125	14.0		-
32973	-0.533	0.0	123	3.30	3.26	5.00	566	16.6		-
32979	-0.523	0.0	117	3.49	3.03	4.84	646	15.4		-
32993	-0.524	0.0	34	3.59	3.08	4.67	182	19.3		-
33025	-0.527	0.0	64	4.51	3.67	4.64	334	10.6		-
33030	-0.559	0.0	110	3.45	3.13	4.70	189	14.9		-
33047	-0.534	0.0	13	4.02	3.20	4.66	154	16.5		-
33048	-0.518	0.0	18	3.29	2.79	4.80	193	13.8		-
33049	-0.530	0.0	13	3.20	3.30	2.99	351	10.0		-
33150	-0.529	0.0	4427	3.81	3.05	4.66	221	16.7		-
33151	-0.533	0.0	3798	3.79	3.05	4.63	332	17.9		-

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