



## MILK SAMPLE RESULTS for 14 JANUARY 2020

Samples analysed by: Mérieux NutriSciences, Midrand    E-mail: [za.customercare@mxns.com](mailto:za.customercare@mxns.com)

Sample temperature at lab: 2.2 °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
<b>Avg*</b>			57	3.94	3.17	4.78	370	19.0	<i>* Trimmed mean, 20% excluded</i>
<b>Max</b>			2,995	7.39	3.49	4.95	4,300	29.8	<i>64 cow's milk samples but 13 excluded</i>
<b>Min</b>			9	3.05	2.84	4.53	85	5.6	
<b>CV%</b>			281.8%	18.7%	5.5%	1.7%	116.9%	22.3%	



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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30736			321	3.25	3.01	4.71	1277	15.0	-
31154			2995	7.39	2.84	4.59	4300	5.6	-
31193			40	4.00	3.22	4.63	587	17.1	-
31194			43	3.99	3.19	4.62	576	16.3	-
32370			41	3.85	3.18	4.72	468	19.3	-
32375			175	4.12	3.25	4.76	655	22.4	-
32380			9	3.78	3.01	4.84	357	18.6	-
32381			12	3.56	3.03	4.83	359	18.2	-
32596			22	4.24	3.02	4.79	332	24.0	11,834
32601			463	2.99	2.71	4.40	1691	32.5	-
32631			60	3.76	3.24	4.82	677	20.9	-
32635				6.29	3.37	4.53	281	8.5	Individual cow 32635
32639				4.63	3.29	4.72	218	19.0	Individual cow 32639
32753			203	5.75	3.23	4.74	477	18.6	-
32846			27	3.92	3.12	4.74	612	19.4	4,077
32847			15	3.16	2.90	4.84	320	16.6	7,280
32858			19	3.83	3.02	4.86	337	18.1	5,260
32859			19	3.82	3.08	4.78	283	19.3	5,473
32864			27	3.05	2.98	4.77	229	17.7	-
32865			48	3.68	2.94	4.72	385	17.1	-
32875				4.18	3.34	4.62	200	19.4	-
32876			88	4.19	3.46	4.71	209	17.9	-
32913				6.61	3.40	4.71	1357	12.6	-
32914			91	4.69	3.48	4.78	581	18.1	-
32943	-0.527	0.0	53	3.51	2.99	4.82	373	20.7	-
32944	-0.527	0.0	65	3.73	3.06	4.77	463	19.7	-
32982			15	3.73	3.03	4.82	223	22.8	-
32985			61	3.79	3.13	4.80	684	19.6	-
32986			174	4.39	3.01	4.76	921	19.7	-
32987			70	3.61	3.20	4.68	959	22.8	-
32988			112	3.47	3.16	4.84	166	26.5	-
33006	-0.522	0.0	14	3.35	3.19	4.89	301	14.7	-
33019			45	4.64	3.45	4.64	389	17.3	-
33055			14	3.88	3.12	4.80	238	24.4	-
33074			9	4.00	3.05	4.81	319	22.1	-
33082			61	4.17	3.17	4.95	237	19.9	-
33087			69	3.32	2.97	4.76	810	12.2	-
33090			19	3.71	2.96	4.87	227	17.8	-
33103			48	3.57	3.19	4.79	344	21.9	-
33124	-0.528	0.0	36	3.69	3.30	4.89	324	22.2	-
33130			19	3.68	2.95	4.76	249	20.3	-
33135			191	4.36	3.35	4.78	414	14.7	-
33140			19	3.26	3.11	4.91	256	16.5	-
33174			251	4.16	3.42	4.77	283	23.7	-
33200			2790	4.63	3.44	4.71	395	26.5	-
33201			29	4.26	3.47	4.80	259	26.0	-
33202			157	4.58	3.42	4.74	293	29.8	-
33210			14	3.74	3.21	4.76	156	18.1	-
33211			17	3.39	2.93	4.81	184	20.0	-
33212			18	4.70	3.43	4.75	217	19.3	-

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
33225			36	3.94	3.07	4.79	308	18.8	16,136
33226			62	4.04	3.08	4.71	403	18.7	17,485
33256			34	3.94	2.94	4.84	85	22.0	8,489
33257			17	3.65	3.09	4.85	424	21.0	14,550
33311			1387	3.66	3.12	4.83	208	18.6	-
33312			40	3.78	3.10	4.80	159	15.6	-
33314			1850	3.75	3.09	4.81	196	17.8	-
33325			27	4.25	3.43	4.83	281	21.2	-
33365			102	4.26	3.49	4.78	458	17.6	-
33370			20	3.45	3.22	4.85	435	19.4	-
33375			33	3.86	3.16	4.84	454	14.0	-
33376			34	4.31	3.35	4.72	648	9.7	-
33377			36	4.00	3.24	4.59	412	21.8	-
33378			33	3.67	3.18	4.86	237	11.0	-
33379			54	4.28	3.46	4.73	366	19.3	-
33407			8	2.09	3.59	4.47	407	25.8	-



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