



MILK SAMPLE RESULTS for 19 JANUARY 2021

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

Sample temperature at lab: 1.6 °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
Avg*			19	3.86	3.24	4.85	281	16.4	* Trimmed mean, 20% excluded
Max			180	4.61	4.03	4.97	699	22.2	42 cow's milk but 8 excluded
Min			2	3.22	2.96	4.74	102	6.7	
CV%			141.3%	8.4%	7.7%	1.3%	50.8%	21.1%	



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
35644			39	3.62	3.18	4.97	174	14.0	-
35880			4	3.68	3.06	4.87	232	20.5	-
35933			8	4.28	3.56	4.86	256	20.0	-
35934			12	4.18	3.54	4.86	233	20.6	-
35974			10	3.95	3.15	4.83	226	14.0	17,000
36084	-0.541	0.0	220	1.52	5.14	4.27	906		-
36119			36	3.64	3.12	4.76	615	17.3	-
36142			25	4.61	4.00	4.74	407	20.5	-
36144			54	4.25	4.03	4.74	411	16.7	-
36146			180	3.65	3.13	4.76	619	17.3	-
36156			15	3.97	3.30	4.97	288	12.4	-
36177			16	4.30	3.67	4.85	166	12.5	-
36188			36	4.30	3.50	4.75	259	20.0	-
36232			12	3.95	3.36	4.86	338	18.4	-
36240			34	4.54	3.54	4.86	371	17.0	-
36245			9	3.64	3.15	4.90	337	18.9	-
36246			6	3.69	3.14	4.88	382	17.9	-
36259			38	4.17	3.35	4.85	448	17.6	-
36278			23	3.47	3.12	4.83	458	9.1	-
36281			7	3.46	3.04	4.89	126	17.4	-
36310			10	3.79	3.19	4.89	182	14.8	-
36311			9	3.86	3.23	4.80	212	13.6	-
36312			8	3.77	3.19	4.88	136	13.8	-
36315			32	3.84	3.30	4.90	218	17.6	-
36349			7	3.64	3.07	4.85	197	18.6	-
36358			4	3.88	3.30	4.84	175	14.6	-
36359			6	3.49	3.04	4.86	187	17.5	-
36365			12	4.52	3.50	4.84	189	16.1	-
36376			10	3.71	3.18	4.82	309	12.3	-
36397			117	3.67	3.16	4.92	102	19.4	7,800
36401			9	4.81	3.74	4.48	480	19.2	-
36452			93	3.71	3.26	4.82	567	14.7	-
36453			18	3.96	3.26	4.94	201	19.6	-
36462			11	4.30	3.37	4.80	699	22.2	-
36498			25	3.77	3.27	4.93	224	11.5	-
36505			9	3.48	2.96	4.95	174	18.3	-
36506			2	3.98	3.03	4.97	199	18.5	-
36526			28	3.84	3.01	4.78	424	10.9	-
36527			13	3.22	2.99	4.84	237	13.6	-
36547			14	3.88	3.19	4.81	213	18.5	-
36575			4	3.81	3.19	4.80	322	17.2	4,940
36576			26	3.38	2.98	4.93	322	16.1	9,707
36592			14	3.99	3.13	4.89	157	12.0	-
36605			180	4.04	3.71	4.82	652	6.7	-