



## MILK SAMPLE RESULTS for 2 JANUARY 2019

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

Sample temperature at lab: 3.8 °C. Avg., max., min. & CV% are only those of cow's milk suppliers' results

Sample Number	Ring Test (CA)	E coli (per ml)	Coli-forms (per ml)	Freezing point °C	% Added water	Bacto Count (x1K/ml)	Butterfat %	Protein %	Lactose %	SCC (x1,000/ml)	Milk Urea Nitrogen (mgN/dl)	Name	Note
<b>Avg*</b>						<b>39</b>	<b>3.69</b>	<b>3.06</b>	<b>4.73</b>	<b>163</b>	<b>18.5</b>		<b>* Trimmed mean, 20% discarded</b>
<b>Max</b>						<b>114</b>	<b>4.66</b>	<b>3.79</b>	<b>4.93</b>	<b>622</b>	<b>24.4</b>		
<b>Min</b>						<b>31</b>	<b>3.01</b>	<b>2.79</b>	<b>4.31</b>	<b>70</b>	<b>-</b>		
<b>CV%</b>						<b>41.0%</b>	<b>10.1%</b>	<b>8.0%</b>	<b>2.7%</b>	<b>55.1%</b>	<b>24.2%</b>		

Spec. Raw Milk	Neg	Nil	< 10	-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
28290		<10	20	-0.524	0	32	3.72	2.91	4.72	262	22.1	-
28292		<10	50	-0.525	0	36	3.52	2.96	4.78	171	23.6	-
29010		<10	<10	-0.525	0	32	3.57	3.04	4.76	177	24.1	-
29011		<10	10	-0.523	0	33	3.54	2.99	4.78	179	21.4	-
29105		<10	<10	-0.516	0	32	4.15	3.40	4.68	93	20.4	-
29418		<10	<10	-0.518	0	33	3.55	2.95	4.73	210	16.7	8,700
29419		<10	>1500	-0.523	0	114	3.70	2.95	4.82	70	18.0	3,800
29462		140	150	-0.512	0	42	3.45	3.11	4.75	160	11.6	7,480
29473		<10	1150	-0.515	0	103	3.31	2.97	4.64	143	19.1	-
29482		<10	30	-0.524	0	47	4.23	3.40	4.57	192	21.1	-
29483		20	410	-0.516	0	45	4.15	3.37	4.70	226	19.1	-
29561		<10	10	-0.520	0	67	4.53	3.72	4.72	326	18.7	-
29590							4.15	3.36	4.64	209	20.9	-
29593		<10	20	-0.520	0	38	4.12	3.36	4.65	128	19.5	-
29603		<10	<10	-0.528	0	31	3.72	3.79	4.41	95	18.5	-
29635		<10	40	-0.518	0	33	3.60	2.81	4.75	70	19.4	-
29642		<10	<10	-0.523	0	50	3.95	3.29	4.66	226	19.5	-
29643		<10	20	-0.522	0	34	3.57	3.10	4.82	96	20.0	-
29644		<10	30	-0.475	6.3	38	3.03	2.79	4.31	129	18.8	-
29686		870	870	-0.522	0	42	3.63	3.02	4.76	177	15.5	-
29695		<10	<10	-0.592	0	47	3.47	3.22	4.45	622	0.0	-
29700		<10	90	-0.525	0	55	3.87	2.96	4.60	266	19.2	3,991
29701		<10	120	-0.517	0	37	3.81	2.86	4.76	196	19.7	5,443
29708		20	70	-0.527	0	35	3.95	3.06	4.65	172	18.2	3,919
29709		<10	60	-0.524	0	39	3.57	2.79	4.86	260	16.4	6,988
29716		10	20	-0.522	0	32	3.22	2.89	4.78	127	15.6	-
29717		20	20	-0.518	0	31	3.13	2.88	4.80	95	14.8	-
29718		10	10	-0.517	0	33	3.01	2.87	4.71	129	14.5	-
29743		<10	<10	-0.529	0	35	0.50	3.79	4.81	148	32.5	-
29760		>1500	>1500	-0.521	0	44	4.66	3.51	4.79	174	15.5	-
29761		330	730	-0.518	0	38	3.30	2.83	4.87	156	15.3	-
29762		1500	1500	-0.522	0	43	3.59	3.11	4.77	125	14.7	-
29774		120	150	-0.513	0	42	4.09	3.11	4.63	241	9.7	5,669
29775		<10	60	-0.531	0	47	3.95	3.31	4.72	541	18.7	-
29776		110	240	-0.525	0	122	4.04	3.43	4.61	464	16.9	-
29777		40	180	-0.519	0	94	3.73	3.39	4.57	866	11.5	-
29778		<10	50	-0.518	0	74	4.26	3.18	4.64	689	12.1	-
29779		<10	>1500	-0.503	1.5	52	3.80	3.20	4.51	366	16.2	-
29861		40	80	-0.528	0	36	3.75	3.10	4.93	80	20.6	-
29876		10	<10	-0.524	0	34	3.71	2.99	4.87	99	19.7	-
29988		<10	260	-0.525	0	33	3.63	2.91	4.89	128	17.0	-
29989		<10	100	-0.524	0	40	3.83	2.92	4.82	190	19.1	-
29992		40	160	-0.519	0	43	3.42	3.01	4.66	115	21.5	-
29993		370	380	-0.525	0	53	3.54	3.10	4.63	125	24.4	-