



## MILK SAMPLE RESULTS for 4 DECEMBER 2018

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

Sample temperature at lab: 3.2 °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>88</b>	<b>3.73</b>	<b>3.19</b>	<b>4.73</b>	<b>256</b>	<b>20.9</b>		<b>* Trimmed mean, 20% discarded</b>
<b>Max</b>						<b>8,658</b>	<b>12.08</b>	<b>3.87</b>	<b>4.90</b>	<b>1,311</b>	<b>27.4</b>		
<b>Min</b>						<b>34</b>	<b>3.06</b>	<b>2.86</b>	<b>4.48</b>	<b>86</b>	<b>13.3</b>		
<b>CV%</b>						<b>343.0%</b>	<b>32.5%</b>	<b>6.2%</b>	<b>2.0%</b>	<b>88.1%</b>	<b>19.7%</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
27492	Neg	10	10	-0.540	0	43	3.53	3.13	4.84	86	25.6	-
27493	Neg	<10	<10	-0.526	0	46	3.42	3.18	4.77	337	27.0	-
28727	Neg	<10	20	-0.519	0	38	3.69	3.16	4.85	248	13.6	-
28729	Neg	<10	30	-0.526	0	37	3.30	3.12	4.87	195	13.6	-
29083	Neg	<10	40	-0.523	0	81	3.48	3.24	4.72	312	22.1	-
29116	Neg	10	20	-0.531	0	49	4.53	3.49	4.72	108	24.8	-
29140	Neg	<10	<10	-0.515	0	48	3.82	3.32	4.60	191	13.3	-
29141	Neg	10	20	-0.523	0	106	4.00	3.46	4.63	203	22.3	-
29199	Neg	<10	40	-0.518	0	121	3.35	3.16	4.87	774	13.4	-
29226	Neg	<10	260	-0.547	0	234	2.62	2.62	4.37	553	33.5	-
29237	Neg	<10	10	-0.529	0	39	3.93	3.18	4.81	203	27.4	-
29238	Neg			-0.523	0	39	3.51	3.13	4.78	149	26.3	Have discarded coli results
29242	Neg	<10	10	-0.525	0	48	3.41	3.18	4.82	258	22.7	-
29306	Neg	<10	10	-0.529	0	46	4.07	3.03	4.72	204	22.4	2,807
29307	Neg	10	160	-0.524	0	47	3.68	3.03	4.80	159	19.9	3,647
29323	Neg	<10	<10	-0.541	0	48	0.77	3.85	4.87	158	44.6	-
29325	Neg	<10	60	-0.529	0	43	3.87	3.20	4.76	293	20.4	4,618
29326	Neg	<10	140	-0.515	0	57	3.10	2.86	4.73	148	22.6	7,295
29332	Neg	20	30	-0.521	0	47	3.25	3.04	4.72	138	20.8	-
29333	Neg	50	50	-0.520	0	56	3.41	3.04	4.74	156	19.5	-
29339	Neg	<10	<10	-0.529	0	43	3.55	3.23	4.85	151	19.6	-
29341							4.75	3.87	4.65	224	21.8	-
29342	Neg	20	20	-0.516	0	46	4.49	3.73	4.67	220	17.8	-
29346	Neg	<10	60	-0.520	0	51	3.63	3.13	4.90	125	20.7	-
29350	Neg	70	90	-0.521	0	41	12.08	3.43	4.53	94	15.0	-
29385	Neg	<10	10	-0.527	0	52	3.56	3.13	4.72	194	27.4	-
29391	Neg	<10	20	-0.527	0	39						Sample too small
29396	Neg	<10	10	-0.525	0	51						Sample too small
29410	Neg	<10	<10	-0.516	0	58	3.75	3.09	4.67	507	18.1	-
29411	Neg	20	20	-0.524	0	197	3.48	3.10	4.67	1022	15.2	-
29412	Neg	<10	10	-0.518	0	46	3.59	3.12	4.86	308	17.9	-
29427	Neg	10	20	-0.523	0	58	3.73	3.14	4.84	173	25.5	-
29442	Neg	10	40	-0.520	0	51	3.61	3.05	4.71	299	21.2	17,000
29443	Neg	10	130	-0.880	0	59	3.75	3.15	4.81	94	24.0	8,000
29456	Neg	<10	<10	-0.527	0	39	3.50	3.20	4.74	159	17.4	-
29457	Neg	<10	<10	-0.524	0	34	3.34	2.92	4.84	123	18.8	-
29458	Neg	20	20	-0.522	0	35	4.69	3.57	4.72	128	22.4	-
29460	Neg	10	30	-0.517	0	49	3.06	3.02	4.74	189	13.8	7,143
29461	Neg	10	10	-0.523	0	47	3.63	3.05	4.75	250	13.6	5,146
29495	Neg	50	150	-0.523	0	170	3.83	3.50	4.70	441	20.0	-
29496	Neg	10	50	-0.510	0.4	47	3.89	3.44	4.60	480	21.7	-
29497	Neg	870	960	-0.522	0	101	3.56	3.43	4.68	348	22.0	-
29498	Neg	<10	10	-0.519	0	71	3.71	3.24	4.73	742	9.1	-
29499	Neg	<10	<10	-0.511	0.2	58	3.61	3.10	4.34	449	15.3	-
29532	Neg	10	10	-0.524	0	65	3.75	2.95	4.73	111	24.8	-
29540							4.05	3.50	4.72	142	26.1	-
29541							4.17	3.38	4.71	195	21.9	-
29542	Neg	20	50	-0.521	0	67	4.13	3.37	4.68	170	26.7	-
29575	Neg	<10	20	-0.584	0	71	3.72	3.14	4.56	599	22.1	-
29576	Neg	<10	40	-0.534	0	925	3.87	3.18	4.56	471	22.5	-
29577	Neg	270	1040	-0.521	0	4025	3.94	3.26	4.66	393	19.8	-
29578	Neg	20	690	-0.528	0	1658	3.80	3.35	4.65	397	19.4	-
29579	Neg	620	1860	-0.520	0	8658	4.13	3.35	4.48	488	23.6	-
29612	Neg	20	370	-0.522	0	293	3.40	2.98	4.68	802	19.3	-
29613	Neg	20	190	-0.523	0	775	4.04	3.17	4.65	1311	20.9	-
29614	Neg	<10	160	-0.524	0	234	3.81	3.20	4.59	1061	21.1	-