

## MILK SAMPLE RESULTS for 17 OCTOBER 2017

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

Sample temperature at lab: 1.0 deg 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>10.72</b>	<b>3.60</b>	<b>3.25</b>	<b>4.84</b>	<b>185</b>	<b>19.5</b>		<b>* Trimmed mean, 20% discarded</b>
<b>Max</b>						<b>51</b>	<b>7.14</b>	<b>4.16</b>	<b>4.99</b>	<b>874</b>	<b>25.3</b>		
<b>Min</b>						<b>2</b>	<b>2.77</b>	<b>2.99</b>	<b>4.35</b>	<b>24</b>	<b>8.7</b>		
<b>CV%</b>						<b>90.8%</b>	<b>18.7%</b>	<b>6.4%</b>	<b>2.2%</b>	<b>73.7%</b>	<b>18.9%</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
24143	Neg	Foll	Foll	-0.525	0	20	3.49	3.33	4.88	540	17.8	
25379	Neg	Foll	Foll	-0.552	0	61	3.59	2.77	4.62	1338	29.8	
25690	-	-	-	-	-	6	3.51	3.24	4.80	140	21.8	AM Milk only
25717	-	-	-	-	-	51	4.05	3.42	4.93	228	19.1	
25889	-	-	-	-	-	9	3.64	3.35	4.80	260	18.6	
25890	-	-	-	-	-	10	3.24	3.21	4.89	135	22.7	
25891	-	-	-	-	-	7	3.49	3.26	4.80	227	23.1	
25918	-	-	-	-	-	9	3.19	3.13	4.99	140	20.4	
25943	-	-	-	-	-	3	3.59	3.11	4.93	141	18.0	
25959	-	-	-	-	-	58	3.54	3.46	4.84	296	12.2	
25990	-	-	-	-	-	-	4.38	3.39	4.84	206	25.3	
25994	-	-	-	-	-	-	4.09	3.40	4.83	154	24.4	
26015	-	-	-	-	-	9	3.85	3.32	4.83	148	11.2	
26016	-	-	-	-	-	15	3.61	3.22	4.82	99	12.4	
26017	-	-	-	-	-	6	3.57	3.34	4.87	109	21.1	
26023	-	-	-	-	-	10	3.52	3.13	4.71	250	19.4	
26024	-	-	-	-	-	9	3.83	3.17	4.84	97	22.3	
26042	-	-	-	-	-	7	3.61	3.16	4.89	152	17.2	
26063	-	-	-	-	-	10	3.88	3.15	4.91	92	21.5	
26071	-	-	-	-	-	34	3.69	3.47	4.58	874	17.7	
26072	-	-	-	-	-	15	3.38	3.35	4.80	243	18.4	
26073	-	-	-	-	-	51	3.02	2.99	4.84	425	20.6	
26075	-	-	-	-	-	10	4.95	3.09	4.80	229	16.1	
26091	-	-	-	-	-	5	2.77	3.16	4.87	81	19.1	
26096	-	-	-	-	-	11	7.14	4.16	4.35	49	20.1	
26100	-	-	-	-	-	11	3.82	3.44	4.94	206	21.3	
26101	-	-	-	-	-	8	3.85	3.35	4.90	145	24.1	
26102	-	-	-	-	-	42	3.83	3.45	4.64	309	8.8	
26106	-	-	-	-	-	10	3.96	3.60	4.76	210	18.6	
26137	-	-	-	-	-	27	3.91	3.30	4.64	564	10.2	
26144	-	-	-	-	-	14	3.59	3.47	4.75	127	19.1	
26148	-	-	-	-	-	7	3.61	3.16	4.91	239	16.7	
26159	-	-	-	-	-	13	3.22	3.15	4.91	202	19.9	
26164	-	-	-	-	-	18	3.54	3.28	4.82	341	16.4	
26167	-	-	-	-	-	2	3.52	3.18	4.84	144	19.4	
26180	-	-	-	-	-	5	2.81	3.62	4.75	24	8.7	
26195	-	-	-	-	-	7	3.76	3.18	4.87	223	22.0	
26196	-	-	-	-	-	5	3.47	3.16	4.90	133	20.3	
26200	-	-	-	-	-	5	3.21	3.08	4.92	132	16.9	
26201	-	-	-	-	-	20	4.71	3.65	4.80	176	20.5	
26202	-	-	-	-	-	7	3.63	3.31	4.86	130	16.6	
26239	-	-	-	-	-	13	3.73	3.10	4.74	301	18.0	
26247	-	-	-	-	-	25	3.69	3.30	4.78	169	24.6	
26268	-	-	-	-	-	7	1.05	2.89	4.06	293	19.8	
26270	-	-	-	-	-	10	3.35	3.01	4.88	262	22.1	
26291	-	-	-	-	-	3	3.57	3.42	4.90	89	21.8	
26297	-	-	-	-	-	33	3.47	3.04	4.76	666	14.7	
26330	-	-	-	-	-	5	3.24	3.16	4.84	173	23.8	
26331	-	-	-	-	-	8	3.68	3.25	4.85	292	24.2	
26390	-	-	-	-	-	-	4.03	3.41	4.82	397	14.5	