

MILK SAMPLE RESULTS for 10 OCTOBER 2017

Samples analysed by: Mérieux NutriSciences. E-mail: za-info@mxns.com

Sample temperature at lab: 2.0 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
Avg*						23.18	3.74	3.23	4.85	242	22.1		* Trimmed mean, 20% discarded
Max						314	7.22	4.06	5.00	927	29.7		
Min						5	-	-	-	-	-		
CV%						149.6%	21.8%	16.0%	15.0%	73.8%	21.8%		

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
23325	-	-	-	-	-	7	3.29	3.03	5.00	121	26.1	
24223	-	-	-	-	-	12	4.85	3.61	4.85	234	27.6	
25568	-	-	-	-	-	9	3.76	3.28	4.93	148	17.9	
25705	-	-	-	-	-	18	3.79	3.18	4.84	154	24.7	
25706	-	-	-	-	-	15	3.74	3.24	4.84	136	21.2	
25707	-	-	-	-	-	88	4.17	3.21	4.81	174	20.6	
25716	-	-	-	-	-	17	3.49	3.26	4.83	204	22.0	
25755	Neg	<10	<10	-0.533	0	8	2.03	3.32	4.39	430	26.4	
25774	-	-	-	-	-	17	3.48	3.21	4.89	155	24.2	
25784	-	-	-	-	-	27	3.64	3.24	4.87	218	26.6	
25849	-	-	-	-	-	5	3.53	3.35	4.98	202	19.5	
25851	-	-	-	-	-	10	3.90	3.17	4.87	237	24.1	
25852	-	-	-	-	-	10	3.55	3.15	4.92	211	23.8	
25887	Neg	20	30	-0.521	0	24	3.97	3.37	4.79	414	22.0	
25888	Neg	<10	30	-0.519	0	14	3.52	3.00	4.88	259	20.6	
25917	-	-	-	-	-	19	3.58	3.17	5.00	212	26.2	
25920	-	-	-	-	-	41	3.72	3.05	4.83	820	18.5	
25941	-	-	-	-	-	5	3.72	3.09	4.96	147	23.4	
25963	-	-	-	-	-	9	3.80	3.12	4.79	224	24.0	
25964	-	-	-	-	-	62	3.82	3.16	4.82	201	25.7	
25992	-	-	-	-	-	-	4.24	3.44	4.88	94	23.7	
25993	-	-	-	-	-	28	3.98	3.33	4.84	159	24.9	
26011	Neg	<10	690	-0.521	0	142	4.28	3.39	4.82	424	16.7	
26014	Neg	<10	270	-0.519	0	81	4.31	3.35	4.84	523	16.6	
26020	-	-	-	-	-	112	3.46	3.13	4.76	371	19.4	
26021	-	-	-	-	-	10	3.76	3.14	4.87	56	27.3	
26022	-	-	-	-	-	10	3.35	3.11	4.78	315	21.2	
26041	Neg	<10	270	-0.526	0	15	3.67	3.14	4.88	203	24.2	
26062	-	-	-	-	-	17	3.85	3.18	4.97	162	21.3	
26070	Neg	20	20	-0.528	0	18	3.33	3.04	4.86	536	21.7	
26083	Neg	<10	360	-0.518	0	32	3.78	3.48	4.68	927	25.3	
26084	Neg	<10	>10	-0.525	0	7	3.52	3.28	4.79	322	24.0	
26085	Neg	<10	80	-0.523	0	46	3.89	3.18	4.80	735	17.1	
26086	Neg	50	50	-0.519	0	314	3.63	3.06	4.87	755	16.8	
26089	-	-	-	-	-	39	3.67	3.46	4.74	483	24.9	
26090	-	-	-	-	-	17	3.71	3.15	4.88	219	16.2	
26097	-	-	-	-	-	24	7.22	4.06	4.48	61	29.7	
26103	-	-	-	-	-	16	4.28	3.42	4.90	605	25.3	
26104	-	-	-	-	-	1874	3.66	3.49	4.77	382	19.2	
26105	-	-	-	-	-	53	4.07	3.46	4.80	393	27.9	
26107	-	-	-	-	-	25	3.89	3.29	4.61	761	20.8	
26138	-	-	-	-	-	31	4.10	3.52	4.66	316	15.7	
26139	-	-	-	-	-	77	3.52	3.50	4.90	371	25.3	
26142	-	-	-	-	-	19	4.04	3.57	4.77	188	14.9	
26143	-	-	-	-	-	45	4.18	3.51	4.81	229	19.0	
26156	-	-	-	-	-	17	3.51	3.20	4.94	222	20.7	
26157	-	-	-	-	-	24	3.15	3.17	4.99	166	21.4	
26163	-	-	-	-	-	12	3.34	3.22	4.88	164	20.5	
26165	-	-	-	-	-	5	3.62	3.17	4.91	141	21.1	
26240	-	-	-	-	-	24	4.35	3.49	4.84	158	28.0	
26246	-	-	-	-	-	17	3.69	3.26	4.79	146	20.0	
26290	-	-	-	-	-	34						Sample bottle leaked
26402	-	-	-	-	-	16	3.51	3.19	4.93	239	23.5	
26403	-	-	-	-	-	25	3.84	3.26	4.84	430	22.6	