

MILK SAMPLE RESULTS for 5 SEPTEMBER 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*						10.55	3.47	3.33	4.87	168	15.7		<i>* Trimmed mean, 20% discarded</i>
Max						50	4.88	3.98	4.98	790	24.8		
Min						3	2.75	3.02	4.50	57	7.8		
CV%						80.9%	13.1%	6.1%	1.8%	76.1%	25.1%		

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
24475	Neg	<10	10	-0.525	0	43	2.93	3.14	4.98	140	16.4	
24476	Neg	<10	10	-0.517	0	50	4.88	3.72	4.84	220	17.5	
24477	Neg	<10	<10	-0.530	0	41	3.19	3.39	4.88	160	10.6	
25336	Neg	10	10	-0.519	0	9	2.75	3.20	4.93	177	14.6	
25338	Neg	<10	50	-0.523	0	7	3.19	3.28	4.93	248	13.3	
25378	Neg	<10	10	-0.524	0	13	3.78	3.22	4.85	320	20.1	
25436	Pos	<10	110	-0.527	0	11	4.52	3.69	4.83	166	23.6	Weak positive
25437	Neg	10	20	-0.517	0	7	3.71	3.69	4.77	106	24.8	
25441	Neg	<10	60	-0.522	0	10	3.27	3.07	4.77	593	12.8	
25444	Neg	<10	<10	-0.525	0	13	3.38	3.10	4.71	790	8.8	
25473	Neg	<10	<10	-0.521	0	13	3.84	3.25	4.84	208	8.8	
25547	Neg	<10	10	-0.524	0	11	4.12	3.27	4.83	194	13.3	
25548	Neg	10	30	-0.522	0	12	4.02	3.48	4.87	153	13.6	
25549	Neg	<10	50	-0.519	0	14	4.65	3.55	4.80	194	12.8	
25665	Neg	<10	<10	-0.520	0	4	3.01	3.42	4.94	96	14.2	
25678	Neg	<10	40	-0.529	0	12	3.48	3.55	4.84	592	20.0	
25679	Neg	<10	<10	-0.517	0	10	3.58	3.60	4.79	501	20.7	
25688	Neg	<10	<10	-0.515	0	3	3.33	3.98	4.50	58	17.4	
25702	Neg	<10	<10	-0.523	0	7	3.24	3.44	4.96	159	10.5	
25720	Neg	<10	<10	-0.518	0	6	3.73	3.06	4.80	189	15.7	
25744	Neg	30	30	-0.546	0	15	3.47	3.42	4.96	159	18.1	
25748	Neg	<10	<10	-0.538	0	11	3.57	3.31	4.85	89	17.2	
25749	Neg	<10	<10	-0.520	0	20	3.52	3.32	4.87	57	17.2	
25756	Neg	<10	<10	-0.512	0	25	0.71	3.25	3.99	309	14.2	
25769	Neg	<10	<10	-0.514	0	9	3.27	3.10	4.84	198	13.2	
25770	Neg	10	130	-0.520	0	7	3.00	3.22	4.94	125	18.0	
25771	Neg	10	190	-0.510	0.3	9	3.56	3.23	4.80	167	16.5	
25789	Neg	20	170	-0.514	0	16	3.54	3.07	4.80	166	18.0	
25825	Neg	70	70	-0.517	0	24	3.72	3.52	4.81	791	10.0	
25827	Neg	10	10	-0.524	0	129	3.96	3.26	4.56	599	7.6	
25831	Neg	30	110	-0.521	0	10	3.46	3.61	4.84	207	12.2	
25832	Neg	20	40	-0.518	0	39	3.33	3.32	4.69	436	11.4	
25834	Neg	10	70	-0.529	0	19	3.74	3.64	4.73	973	20.9	
25835	Neg	<10	10	-0.501	1.9	28	3.77	3.48	4.76	284	10.6	
25853	Neg	<10	<10	-0.525	0	7	3.16	3.44	4.92	144	15.0	
25854	Neg	20	30	-0.526	0	7	3.06	3.37	4.89	137	17.4	
25867	Neg	<10	<10	-0.524	0	6	3.25	3.22	4.93	161	14.6	
25868	Neg	10	10	-0.521	0	4	3.10	3.21	4.94	112	17.8	
25877	Neg	10	10	-0.524	0	3	3.37	3.27	4.89	102	9.1	
25913	Neg	10	740	-0.530	0	19	3.60	3.36	4.95	200	21.2	
25926	Neg	<10	70	-0.519	0	11	3.74	3.35	4.80	144	18.8	
25947	Neg	<10	20	-0.529	0	10	3.05	3.45	4.94	157	11.5	
25948	Neg	210	210	-0.523	0	16	4.18	3.51	4.93	269	7.8	
25970	Neg	<10	20	-0.508	0.7	12	3.42	3.26	4.83	112	19.4	
25971	Neg	70	240	-0.526	0	28	3.85	3.33	4.86	155	15.3	
25975	Neg	10	10	-0.519	0	6	3.49	3.24	4.95	66	13.8	
25976	Neg	<10	<10	-0.520	0	7	3.60	3.02	4.80	367	15.4	
25995	Neg	<10	10	-0.520	0	8	3.71	3.21	4.97	114	19.9	
26001	Neg	10	40	-0.520	0	10	3.18	3.31	4.91	138	16.9	