

MILK SAMPLE RESULTS for 1 AUGUST 2017

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

Sample temperature at lab: 3.0 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*						13.56	3.62	3.35	4.82	218	15.7		* Trimmed mean, 20% discarded
Max						34	4.87	4.00	5.18	657	22.8		
Min						5	-	-	-	-	-		
CV%						51.7%	21.4%	17.5%	15.8%	67.8%	30.1%		

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
23965	Neg	<10	10	-0.533	0	5	3.08	3.14	4.95	109	18.1	
24358	Neg	<10	<10	-0.527	0	12	3.93	3.12	4.78	175	16.9	
24593	Neg	10	20	-0.526	0	12	4.87	3.86	4.79	182	22.8	
24768	Neg	20	40	-0.534	0	19	3.54	3.34	4.92	146	17.2	
24769	Neg	720	820	-0.529	0	13	3.57	3.33	4.91	109	15.0	
25021	Neg	<10	<10	-0.560	0	6	1.99	3.99	5.18	20	22.3	
25064	Neg	<10	1380	-0.534	0	17	3.29	3.45	4.90	205	20.2	
25174	Neg	20	110	-0.512	0	15	4.13	2.97	4.74	525	9.8	
25248	Neg	<10	240	-0.526	0	24	3.82	3.42	4.63	505	9.8	
25249	Neg	<10	<10	-0.519	0	15	3.81	3.36	4.74	322	13.4	
25260	Neg	10	70	-0.522	0	11	3.21	3.14	4.86	116	13.6	
25261	Neg	<10	<10	-0.534	0	5	2.76	3.40	4.86	117	21.4	
25305	Neg	<10	20	-0.535	0	9	3.36	3.35	4.91	263	13.2	
25306	Neg	20	60	-0.535	0	10	2.97	3.36	4.87	198	14.9	
25315	Neg	<10	<10	-0.519	0	8	1.11	3.12	4.21	151	13.7	
25333	Neg	10	10	-0.523	0	18	3.76	3.32	4.90	171	15.4	
25375	Neg	40	40	-0.529	0	15	3.59	3.25	4.86	284	14.8	
25388	-	-	-	0.000	-	-	4.14	3.75	4.66	196	19.2	
25389	Neg	10	10	-0.528	0	11	3.96	3.76	4.68	165	20.9	
25390	Neg	<10	<10	-0.525	0	16	4.14	3.76	4.66	198	19.5	
25391	Neg	<10	<10	-0.524	0	6	3.64	3.09	4.77	190	15.9	
25403	Neg	<10	420	-0.522	0	28	3.81	3.30	4.97	61	10.3	
25420	Neg	<10	<10	-0.532	0	11	3.43	3.34	4.80	286	20.1	
25427	Neg	<10	<10	-0.527	0	6	3.25	3.27	4.94	147	13.7	
25432	Neg	<10	<10	-0.528	0	7	2.89	3.25	4.92	141	21.1	
25450	Neg	30	110	-0.530	0	32	4.17	3.98	4.69	251	20.4	
25485	Neg	<10	<10	-0.533	0	17	4.29	3.53	4.78	533	8.9	
25486	Neg	10	20	-0.530	0	30	4.05	3.51	4.73	618	8.4	
25532	Neg	<10	10	-0.537	0	6	3.21	3.36	4.94	69	14.2	
25540	Neg	<10	<10	-0.525	0	13	3.45	3.18	4.78	169	20.4	
25554	Pos	10	10	-0.531	0	8	3.50	3.25	4.94	98	18.6	
25555	Neg	<10	40	-0.544	0	7	3.85	3.76	4.86	193	16.4	
25558	Neg	<10	20	-0.526	0	45	4.39	3.60	4.67	718	10.2	
25573	Neg	<10	<10	-0.513	0	15	3.85	3.12	4.71	356	17.9	
25584	-	-	-	0.000	-	17	4.71	4.00	4.59	399	11.8	
25592	Neg	<10	20	-0.539	0	14	3.36	3.35	4.91	423	17.2	
25596	Neg	<10	60	0.000		25						Too little milk
25605	Neg	20	30	-0.536	0	11	3.60	3.53	4.88	142	14.7	
25606	Neg	460	460	-0.539	0	11	3.27	3.44	4.89	121	15.6	
25616	Neg	<10	<10	-0.523	0	8	3.82	3.31	4.80	203	19.0	
25646	Neg	50	220	-0.536	0	30	3.89	3.56	4.74	257	8.9	
25647	Neg	10	10	-0.513	0	24	4.04	3.43	4.39	716	11.6	
25648	Neg	10	110	-0.533	0	36	4.22	3.59	4.63	555	15.5	
25649	Neg	20	30	-0.531	0	13	4.17	3.51	4.76	611	15.2	
25650	Neg	<10	<10	-0.528	0	34	3.40	3.12	4.73	657	8.0	
25651	Neg	10	10	-0.528	0	27	3.21	3.06	4.81	515	12.5	
25761	Neg	<10	10	-0.521	0	13	3.59	3.09	4.80	154	11.9	
25762	Neg	<10	<10	-0.522	0	12	4.18	3.07	4.87	228	14.7	
25792	Neg	<10	<10	-0.526	0	11	3.51	3.45	4.80	159	13.0	
25793	Neg	10	10	-0.526	0	12	4.11	3.39	4.83	183	15.3	
25797	Pos	<10	<10	-0.533	0	7	3.65	4.03	5.00	36	12.0	