

MILK SAMPLE RESULTS for 4 JULY 2017

Samples analysed by: Mérieux NutriSciences. E-mail: 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
Avg*						12.19	3.66	3.34	4.84	236	15.4		* Trimmed mean, 20% discarded
Max						37	5.10	3.91	5.00	629	27.0		
Min						4	2.47	2.97	4.19	82	6.8		
CV%						48.1%	13.5%	6.0%	2.9%	57.6%	26.4%		

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
23966	Neg	<10	40	-0.531	0	11	5.10	3.90	4.77	241	20.3	
24384	Neg	20	60	-0.524	0	16	4.14	3.19	4.70	207	16.4	
24902	Neg	20	40	-0.531	0	7	2.47	3.25	4.94	120	21.4	AM milk only
24981	Neg	20	20	-0.531	0	6	4.15	3.55	4.85	190	16.8	
24983	Neg	<10	30	-0.530	0	8	3.69	3.45	4.85	117	17.5	
25069	Neg	<10	40	-0.529	0	4	3.34	3.30	4.87	222	12.6	
25103	Neg	<10	<10	-0.529	0	8	3.32	3.28	4.84	183	13.0	
25124	-	-	-	-	-	13	3.99	3.91	4.64	204	14.5	
25170	Neg	<10	30	-0.529	0	21	3.59	3.36	4.65	629	12.4	
25171	Neg	<10	40	-0.523	0	17	3.82	3.32	4.73	348	13.2	
25172	Neg	<10	20	-0.525	0	20	3.26	2.97	4.86	450	10.9	
25182	Neg	20	550	-0.570	0	31	4.34	3.54	4.19	627	6.8	
25207	Neg	<10	60	-0.529	0	12	3.66	3.32	5.00	128	22.3	
25215	Neg	<10	<10	-0.522	0	8	3.68	3.14	4.74	197	18.6	
25229	Neg	<10	40	-0.539	0	11	3.60	3.40	4.94	252	16.3	
25252	Neg	<10	50	-0.524	0	12	3.15	3.17	4.82	196	10.1	
25253	Neg	<10	<10	-0.525	0	10	3.62	3.17	4.88	284	14.8	
25277	Neg	<10	<10	-0.538	0	4084	4.42	4.29	4.00	7206	26.4	
25302	Neg	<10	40	-0.513	0	32	4.16	3.41	4.45	669	15.2	
25320	Neg	<10	60	-0.529	0	13	3.36	3.34	4.89	213	14.8	
25321	Neg	<10	50	-0.535	0	6	2.84	3.38	5.00	202	20.7	
25344	Neg	<10	<10	-0.521	0	12	3.94	3.22	4.76	399	10.7	
25349	Neg	30	30	-0.520	0	13	4.09	3.28	4.76	233	13.3	
25369	Neg	<10	<10	-0.527	0	16	3.74	3.36	4.90	316	16.6	
25397	Neg	100	100	-0.524	0	11	3.80	3.41	4.90	138	15.6	
25398	Neg	<10	190	-0.522	0	17	3.42	3.34	4.89	130	18.4	
25399	Neg	<10	50	-0.528	0	13	3.84	3.42	4.90	136	15.6	
25408	Neg	<10	50	-0.532	0	15	3.04	3.19	4.89	370	13.7	
25409	Neg	10	680	-0.530	0	37	3.45	3.27	4.98	104	14.0	
25410	Neg	30	50	-0.537	0	12	3.38	3.29	5.00	163	20.0	
25455	Neg	<10	<10	-0.526	0	12	3.32	3.07	4.82	629	11.1	
25465	Neg	<10	<10	-0.519	0	16	4.61	3.85	4.70	181	17.5	
25483	Neg	<10	<10	-0.539	0	13	4.20	3.56	4.83	600	10.7	
25484	Neg	<10	<10	-0.527	0	10	3.59	3.46	4.71	360	7.5	
25500	Neg	100	>1500	-0.540	0	9	3.01	3.38	4.84	82	14.0	
25504	Pos	60	70	-0.529	0	21	4.33	3.84	5.01	73	14.5	
25516	Neg	<10	20	-0.520	0	10	4.53	3.65	4.75	151	20.3	
25522	Neg	<10	<10	-0.530	0	7	3.33	3.21	4.97	148	18.4	
25524	Neg	<10	<10	-0.533	0	8	3.79	3.47	4.83	284	18.0	
25535	Neg	<10	20	-0.527	0	14	3.58	3.45	4.74	205	14.9	
25543	Neg	<10	200	-0.525	0	19	3.60	3.21	4.87	148	14.0	
25560	Neg	<10	50	-0.539	0	9	3.96	3.73	4.80	255	16.3	
25561	Neg	<10	30	-0.531	0	51	4.04	3.49	4.53	1086	15.8	
25562	Neg	<10	90	-0.532	0	40	3.89	3.68	4.67	420	14.6	
25563	Neg	<10	<10	-0.534	0	25	4.31	3.51	4.79	768	13.2	
25564	Neg	10	40	-0.532	0	141	4.23	3.64	4.67	1365	14.1	
25622	Neg	<10	<10	-0.530	0	14	3.58	3.25	4.89	267	15.3	
25674	Neg	<10	40	-0.528	0	10	3.94	3.32	4.86	416	27.0	