

MILK SAMPLE RESULTS for 3 APRIL 2018

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

Sample temperature at lab: 3.0 °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*						21	3.33	3.24	4.74	228	18.2		<i>* Trimmed mean, 20% discarded</i>
Max						228	4.81	3.87	4.89	772	30.2		
Min						3	2.07	3.01	4.34	22	13.5		
CV%						134.1%	16.6%	6.9%	2.6%	58.5%	19.3%		

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
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26708	Neg	<10	<10	-0.537	0	53	3.66	3.34	4.76	573	13.8	
26911	Neg	10	10	-0.523	0	17	3.43	3.36	4.73	439	24.6	
26915	Neg	190	420	-0.530	0	1147	3.32	3.02	4.33	2395	30.2	
26962	Neg	<10	20	-0.522	0	29	3.68	3.48	4.56	683	25.6	
26965	Neg	40	110	-0.517	0	75	3.76	3.44	4.68	160	14.8	
26967	Neg	<10	1160	-0.524	0	260	3.46	3.24	4.32	664	18.0	
27057	Neg	<10	<10	-0.532	0	54	1.36	3.78	4.93	524	36.5	
27153	Neg	<10	80	-0.517	0	13	3.16	3.25	4.76	150	17.0	
27252	Neg	20	20	-0.525	0	6	3.27	3.31	4.84	200	19.2	
27254	Neg	10	10	-0.526	0	7	3.02	3.38	4.79	193	16.6	
27267	Neg	<10	<10	-0.519	0	21	3.55	3.09	4.63	440	18.9	
27287	Neg	60	370	-0.524	0	32	3.39	3.01	4.68	274	18.8	
27309							4.81	3.82	4.34	328	13.5	
27338	Neg	<10	<10	-0.520	0	29	3.95	3.87	4.36	118	19.9	
27339	Neg	<10	<10	-0.522	0	15	2.99	3.25	4.88	204	16.9	
27340	Neg	<10	<10	-0.513	0	6	2.99	3.03	4.83	136	17.8	
27341	Neg	10	10	-0.530	0	14	4.50	3.58	4.73	185	18.5	
27342	Neg	<10	110	-0.519	0	9	3.52	3.25	4.73	194	16.7	
27347	Neg	<10	20	-0.523	0	22	3.36	3.17	4.65	267	14.1	
27374	Neg	30	30	-0.526	0	30	3.31	3.24	4.66	507	17.1	
27396	Neg	10	10	-0.526	0	12	3.47	3.09	4.66	191	17.3	
27411	Neg	<10	<10	-0.521	0	3	2.07	3.75	4.80	22	20.7	
27422	Neg	20	20	-0.523	0	18	4.02	3.12	4.86	234	22.1	
27428	Neg	<10	20	-0.524	0	26	3.76	3.77	4.85	300	17.0	
27430	Neg	<10	80	-0.522	0	22	2.77	3.21	4.67	383	19.7	
27438	Neg	<10	10	-0.524	0	12	3.57	3.14	4.71	301	22.3	
27439	Neg	<10	290	-0.513	0	35	3.69	3.06	4.87	58	17.9	
27448	Neg	10	30	-0.529	0	40	2.76	3.19	4.52	772	20.8	
27449	Neg	<10	20	-0.521	0	11	2.59	3.24	4.76	198	30.2	
27452	Neg	10	10	-0.531	0	29	3.91	3.12	4.74	363	18.7	
27485	Neg	30	40	-0.517	0	50	3.95	3.22	4.62	169	14.2	
27496	Neg	10	20	-0.517	0	7	2.67	3.35	4.79	162	14.9	
27497	Neg	680	740	-0.524	0	5	2.95	3.32	4.75	182	17.6	
27505	Neg	10	10	-0.520	0	15	3.42	3.12	4.89	185	14.5	
27506	Neg	<10	<10	-0.520	0	228	3.27	3.07	4.79	207	17.7	
27517	Neg	30	70	-0.522	0	22	3.20	3.22	4.69	160	22.1	
27529	Neg	<10	<10	-0.523	0	14	2.30	3.15	4.79	239	21.7	
27571	Neg	40	800	-0.550	0	36	3.00	3.17	4.77	193	13.6	
27591	Neg	10	30	-0.516	0	18	3.34	3.07	4.69	141	24.1	
27592	Neg	<10	40	-0.521	0	29	3.44	3.12	4.67	214	25.1	
27627	Neg	10	30	-0.534	0	27	3.82	3.40	4.68	340	15.4	
27645	Neg	10	10	-0.521	0	28	3.07	3.44	4.73	286	18.9	
27797	Neg	<10	<10	-0.525	0	84	3.48	3.31	4.80	166	15.4	