

MILK SAMPLE RESULTS for 2 OCTOBER 2018

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

Sample temperature at lab: 3.9 °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*						19	3.34	3.27	4.83	138	22.3		* Trimmed mean, 20% discarded
Max						702	4.22	3.82	4.95	517	29.8		
Min						4	2.64	3.01	4.47	36	13.4		
CV%						263.7%	12.4%	5.5%	1.9%	65.4%	16.5%		

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
28134	Neg	<10	<10	-0.548	0	772	3.23	2.63	4.57	933	26.9	-
28225	Neg	<10	<10	-0.519	0	8	3.27	3.26	4.80	96	16.7	11,119
28295	Neg	20	20	-0.535	0	14	3.63	3.29	4.89	219	24.2	-
28297	Neg	10	30	-0.523	0	12	2.96	3.18	4.83	146	23.4	-
28320	Neg	<10	440	-0.547	0	104	3.75	3.61	4.47	424	15.9	-
28323	Neg	<10	<10	-0.525	0	4	2.64	3.82	4.79	36	24.9	Individual cow
28387	Neg	<10	<10	-0.514	0	16	3.52	3.06	4.84	87	19.5	-
28518	Neg	<10	<10	-0.522	0	54	3.17	3.24	4.94	427	18.1	-
28585	Neg	<10	<10	-0.520	0	19	3.52	3.38	4.77	272	17.7	-
28660	Neg	<10	920	-0.523	0	140	3.30	3.33	4.81	131	24.1	-
28662	Neg	10	1060	-0.523	0	66	2.77	3.25	4.90	70	21.8	-
28663	Neg	<10	10	-0.519	0	14	2.84	3.30	4.83	101	23.6	-
28664	Neg	<10	20	-0.524	0	13	2.94	3.30	4.85	85	23.6	-
28713	Neg	10	10	-0.523	0	16	3.17	3.20	4.77	194	24.3	-
28781	Neg	<10	10	-0.532	0	12	3.66	3.25	4.95	145	24.5	-
28784	Neg	<10	10	-0.521	0	7	3.00	3.20	4.87	87	19.7	-
28785	Neg	20	30	-0.526	0	17	3.77	3.28	4.90	135	22.9	-
28790							4.01	3.65	4.64	152	26.6	-
28805	Neg	20	20	-0.524	0	13	3.42	3.24	4.77	263	21.2	-
28806	Neg	10	190	-0.523	0	125	3.37	3.21	4.75	517	22.9	-
28813	Neg	<10	<10	-0.517	0	13	3.65	3.14	4.86	125	20.6	-
28834	Neg	<10	40	-0.525	0	12	3.16	3.29	4.92	146	21.2	-
28852	Neg	<10	20	-0.518	0	13	3.87	3.24	4.86	167	18.7	5,767
28853	Neg	<10	50	-0.515	0	10	3.14	3.01	4.92	183	22.8	8,615
28857	Neg	20	50	-0.522	0	27	2.99	3.17	4.86	171	21.8	-
28858	Neg	10	40	-0.523	0	14	2.92	3.21	4.94	80	22.7	-
28863	Neg	10	10	-0.526	0	14	3.92	3.16	4.84	167	18.7	3,212
28864	Neg	<10	<10	-0.518	0	19	3.53	3.12	4.82	118	17.6	4,200
28881	Neg	<10	1840	-0.525	0	820	4.60	3.42	4.54	738	10.2	-
28918	Neg	<10	<10	-0.507	0.8	5	2.85	3.01	4.89	84	17.1	16,259
28919	Neg	10	10	-0.520	0	13	4.20	3.65	4.73	47	21.1	10,221
28949	Neg	10	20	-0.520	0	8	3.20	3.07	4.94	110	23.8	-
28975	Neg	20	80	-0.520	0	13	3.81	3.66	4.73	136	28.9	-
28995	Neg	<10	10	-0.526	0	22	2.97	3.25	4.73	153	27.6	-
28996	Neg	<10	<10	-0.522	0	12	2.94	3.25	4.80	78	28.3	-
29054	Neg	20	30	-0.517	0	19	2.86	3.09	4.72	252	13.4	-
29065		<10	110			1828						-
29066										1253		-
29067		<10	<10			992						-
29068												Neg Phosphatase
29136	Neg	10	10	-0.522	0	17	3.46	3.31	4.70	160	25.1	5,898
29137	Neg	<10	<10	-0.520	0	14	2.84	3.34	4.76	114	25.5	7,683
29150		-	-				4.22	3.40	4.80	62	22.8	-
29151		-	-				4.03	3.38	4.80	167	19.5	-
29152	Neg	<10	<10	-0.526	0	9	3.63	3.46	4.94	67	29.8	-
29153	Neg	30	30	-0.524	0	15	3.70	3.44	4.94	132	27.0	-
29154	Neg	<10	10	-0.517	0	27	3.54	3.40	4.85	114	23.4	-
29180	Neg	10	190	-0.526	0	702	3.13	3.04	4.84	183	19.5	-
29181	Neg	30	530	-0.520	0	37	3.22	3.21	4.90	42	25.8	-