MILK SAMPLE RESULTS for 5 JUNE 2018

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

Sample temperature at lab: 4.0 °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**						*16*	*3.86*	*3.37*	*4.78*	*250*	*11.2*		** Trimmed mean, 20% discarded*
Max						*210*	*5.20*	*4.13*	*4.98*	*1,141*	*27.1*		
Min						*4*	*2.48*	*3.08*	*4.33*	*28*	*4.6*		
CV%						*154.1%*	*13.2%*	*7.0%*	*3.0%*	*74.6%*	*35.4%*		
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*
26685	Fol	10	10	-0.527	0	18	3.82	3.76	4.67	441	18.3		
26984	Fol	<10	10	-0.535	0	16	3.85	3.54	4.85	263	12.5		
26987	Fol	<10	50	-0.527	0	10	3.42	3.48	4.87	171	12.8		
27479	Fol	<10	20	-0.512	0	615	1.98	3.22	4.68	511	28.2		
27696	Fol	<10	<10	-0.521	0	17	3.33	3.30	4.72	651	10.3		
27699	Fol	<10	<10	-0.533	0	17	3.09	3.30	4.74	392	10.6		
27706	Fol	10	10	-0.543	0	119	3.32	3.28	4.83	679	8.6		
27707	Fol	130	130	-0.528	0	210	4.25	3.37	4.75	1141	10.4		
27781	Fol	<10	50	-0.531	0	11	3.84	3.21	4.73	135	12.4		
27782	Fol	<10	<10	-0.517	0	11	3.67	3.30	4.85	108	13.6		
27812	Fol	30	240	-0.520	0	17	4.65	3.67	4.66	123	9.4		
27821	Fol	<10	<10	-0.519	0	8	3.84	3.13	4.88	192	13.5		
27823	Fol	<10	<10	-0.513	0	7	3.61	3.14	4.92	161	12.1		
27835	Fol	<10	130	-0.520	0	15	3.92	3.36	4.76	141	10.2		
27840	Fol	<10	<10	-0.527	0	7	3.80	3.34	4.87	143	14.8		
27849	Fol	30	30	-0.526	0	14	3.20	3.31	4.82	185	12.7		
27875	Fol	<10	<10	-0.520	0	11	3.55	3.13	4.98	93	11.7		15,048
27876	Fol	<10	<10	-0.522	0	12	5.20	3.84	4.76	105	10.5		9,665
27877	Fol	<10	<10	-0.520	0	10	3.85	3.45	4.85	104	12.6		9,284
27895	Fol	<10	<10	-0.517	0	43	3.37	3.59	4.73	592	20.6		
27896	Fol	<10	<10	-0.519	0	42	4.56	3.63	4.69	517	7.2		
27897	Fol	<10	140	-0.516	0	25	4.66	4.11	4.41	536	4.8		
27898	Fol	<10	<10	-0.513	0	72	3.98	3.26	4.29	754	7.6		
27899	Fol	<10	60	-0.526	0	20	4.15	3.66	4.71	434	15.3		
27930	Fol	10	10	-0.522	0	33	3.62	3.51	4.86	652	12.4		
27955							4.19	3.40	4.93	268	4.6		
27956	Fol	10	50	-0.526	0	15	3.96	3.46	4.86	233	11.0		
27966	Fol	10	110	-0.524	0	14	4.12	3.44	4.94	185	18.0		
27981	Fol	30	30	-0.531	0	14	3.77	3.21	4.86	244	11.4		
27998							4.97	4.05	4.35	303	8.1		
27999	Fol	<10	20	-0.518	0	18	4.93	4.13	4.33	297	13.4		
28012	Fol	<10	<10	-0.530	0	41	4.05	3.52	4.48	627	14.1		
28022	Fol	10	40	-0.522	0	17	4.32	3.44	4.71	277	7.0		4,510
28023	Fol	60	90	-0.525	0	15	3.54	3.08	4.86	290	9.9		7,034
28033	Fol	<10	10	-0.524	0	21	4.10	3.23	4.66	284	12.8		5,535
28034	Fol	130	200	-0.521	0	27	3.77	3.33	4.52	327	9.4		565
28035	Fol	20	20	-0.515	0	30	3.43	3.29	4.70	131	13.7		
28036	Fol	30	110	-0.535	0	10	3.64	3.37	4.85	226	20.0		
28052	Fol	<10	<10	-0.525	0	14	4.38	3.39	4.86	277	6.6		4,879
28053	Fol	<10	20	-0.512	0	19	3.66	3.42	4.78	225	6.5		6,342
28056	Fol	<10	30	-0.514	0	17	3.87	3.43	4.65	305	5.4		
28085	Fol	<10	<10	-0.520	0	19	4.19	3.39	4.60	527	6.0		
28088	Fol	20	20	-0.525	0	27	4.02	3.28	4.63	616	10.2		
28111	Fol	<10	<10	-0.527	0	4	2.48	3.85	4.62	28	27.1		
28118	Fol	<10	50	-0.521	0	12	3.93	3.15	4.80	270	12.2		
28119	Fol	10	90	-0.516	0	13	4.21	3.18	4.91	86	12.6		
28135	Fol	30	40	-0.524	0	13	3.62	3.18	4.76	166	9.2		
28145	Fol	<10	30	-0.525	0	15	4.28	3.34	4.87	229	9.8		