







MILK SAMPLE RESULTS for 1 SEPTEMBER 2020

Samples analysed by: Mérieux NutriSciences, Midrand E-mail: za.customer@mxns.com

Sample temperature at lab: 1.8 °C. Avg., max., min. & CV% are only those of cow's milk

Sample Number	Ring Test (CA)	E coli cfu/ml	Coli-forms cfu/ml	Freezing point °C	Added water %	Bacto Count cfu x 1K/ml	Butterfat %	Protein %	Lactose %	SCC x1K/ml	Milk Urea Nitrogen mgN/dl	Name		
Avg*						43	3.94	3.41	4.78	206	14.7	* Trimmed mean, 20% excluded		
Max						1,980	15.02	3.93	4.93	1,104	22.0	55 cow's milk but 11 excluded		
Min						6	2.96	2.63	4.42	83	3.8			
CV%						269.7%	38.6%	5.8%	1.8%	95.0%	22.3%			
Specif. Raw Milk	Neg	<10	< 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		
12216	Neg	<10	<10	-0.517	0.0	198	4.27	3.08	4.69	265	19.8			
33748	Neg	<10	10	-0.516	0.0	43	4.19	3.40	4.79	152	14.2			
34595	Neg	<10	<10	-0.544	0.0	160	3.75	2.77	4.65	645	19.8			
34625	Neg	<10	<10	-0.513	0.0	105								
34626	Neg	420	420	-0.516	0.0	23	3.78	3.32	4.79	220	11.3			
34627	Neg	10	140	-0.517	0.0	35	4.19	3.43	4.82	312	12.4			
34650	Neg	10	20	-0.513	0.0	37	4.24	3.52	4.71	218	13.2			
34651	Neg	<10	<10	-0.522	0.0	56	4.99	3.58	4.74	290	15.0			
34770	Neg	<10	40	-0.519	0.0	168	3.18	3.51	4.68	1072	16.3			
34771	Neg	<10	30	-0.520	0.0	1980	3.20	3.52	4.69	1073	15.1			
34793	Neg	280	560	-0.526	0.0	492	2.96	3.51	4.68	907	16.4			
34812	Neg	<10	20	-0.526	0.0	27	4.08	3.42	4.93	145	16.8			
34823	Neg	<10	<10	-0.510	0.4	24	4.61	3.43	4.77	153	14.3			
34839	Neg	<10	<10	-0.516	0.0	8	4.36	3.29	4.85	200	12.7			
34892	Neg	<10	<10	-0.519	0.0	86	3.75	3.40	4.66	339	4.9			
34894	Neg	<10	<10	-0.521	0.0	20	3.39	3.40	4.69	245	6.1			
34895	Neg	70	540	-0.522	0.0	29	3.80	3.44	4.78	251	16.5			
35012	Neg	<10	20	-0.520	0.0	116	3.53	3.36	4.84	231	15.3			
35014	Neg	<10	<10	-0.512	0.0	41	3.39	3.39	4.82	224	17.1			
35020	Neg	<10	230	-0.519	0.0	10	3.96	3.34	4.77	225	15.0			
35021	Neg	10	20	-0.522	0.0	16	3.99	3.38	4.82	164	15.9			
35023	Neg	<10	10	-0.512	0.0	15	4.03	3.45	4.80	177	12.1			
35047	Neg	<10	<10	-0.514	0.0	156	3.67	3.57	4.86	191	12.2			
35049	Neg	10	390	-0.517	0.0	19	3.40	3.61	4.85	186	13.6			
35062	Neg	20	20	-0.515	0.0	17	4.36	3.53	4.77	146	14.4			
35063	Neg	<10	<10	-0.516	0.0	14	3.87	3.21	4.81	129	15.6			
35064	Neg	10	230	-0.515	0.0	20	4.92	3.70	4.73	116	13.5			
35077	Neg	10	30	-0.515	0.0	27	3.69	3.57	4.83	267	16.1			
35078	Neg	<10	30	-0.515	0.0	30	4.31	3.86	4.69	170	16.4			
35104	Neg	<10	<10	-0.517	0.0	1701	2.77	3.64	4.50	439	15.6			
35107	Neg	<10	190	-0.517	0.0	13	3.90	3.39	4.86	92	13.1			
35108	Neg	<10	190	-0.522	0.0	20	4.14	3.42	4.87	84	13.7			
35167	Neg	20	20	-0.517	0.0	11	4.06	3.44	4.79	190	12.7			
35168	Neg	10	10	-0.523	0.0	18	3.25	3.34	4.80	103	12.7			
35186	Neg	210	260	-0.521	0.0	22	3.91	3.36	4.79	121	16.9			
35196	Neg	<10	20	-0.519	0.0	71	4.09	3.16	4.76	277	17.7			
35216	Neg	<10	20	-0.517	0.0	17	3.44	3.34	4.82	161	15.8			
35217	Neg	10	20	-0.502	1.8	26	3.57	3.32	4.80	182	17.6			
35220	Neg	<10	270	-0.518	0.0	18	4.24	3.27	4.79	90	15.7			
35232	Neg	<10	40	-0.522	0.0	21	4.18	3.16	4.73	270	10.7			5,665
35233	Neg	<10	60	-0.521	0.0	17	3.17	3.11	4.86	141	12.4			9,859
35238	Neg	<10	<10	-0.516	0.0	216	4.50	3.67	3.74	1234	17.4			
35276	Neg	<10	40	-0.520	0.0	39	4.12	3.93	4.72	226	15.4			
35281	Neg	<10	40	-0.516	0.0	24	3.60	3.23	4.83	83	11.7			
35288	Neg	30	160	-0.520	0.0	27	4.23	3.32	4.84	87	15.4			8,700
35289	Neg	<10	<10	-0.526	0.0	13	3.92	3.34	4.82	142	17.9			18,100
35298	Neg	<10	20	-0.518	0.0	33	3.53	3.42	4.87	167	15.8			
35326	Neg	<10	210	-0.508	0.7	876	15.02	2.63	4.42	1104	3.8			
35327	Neg	<10	160	-0.525	0.0	26	6.22	3.27	4.65	399	15.7			
35328	Neg	<10	290	-0.517	0.0	1637	4.05	3.23	4.73	526	13.2			
35329	Neg	<10	10	-0.523	0.0	28	4.11	3.40	4.83	117	20.0			
35331	Neg	<10	10	-0.512	0.0	100	4.84	3.54	4.57	251	12.5			
35337	Neg	<10	30	-0.518	0.0	321	3.03	3.55	4.66	959	16.2			
35349	Neg	<10	<10	-0.515	0.0	40	4.25	3.58	4.74	265	15.3			
35353	Neg	<10	330	-0.518	0.0	17	3.67	3.50	4.77	192	15.5			
35365	Neg	10	20	-0.524	0.0	6	3.80	3.39	4.80	105	14.3			
35395	Neg	<10	<10	-0.559	0.0	27	3.67	3.27	4.92	98	14.3			

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35496	Neg	<10	<10	-0.523	0.0	16	4.88	3.71	4.76	134	22.0	-	 
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