

MILK SAMPLE RESULTS for 19 JUNE 2018

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

Sample temperature at lab: 1.0 °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*						27	3.80	3.38	4.76	246	12.7		* Trimmed mean, 20% discarded
Max						491	5.21	4.08	4.95	808	20.9		
Min						7	2.58	3.04	4.37	72	7.6		
CV%						185.0%	14.9%	6.8%	2.9%	63.8%	21.6%		

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
12217	-	-	-	-	-	14	3.37	3.50	4.84	201	9.8	WORR65
12218	-	-	-	-	-	11	4.06	3.57	4.85	252	9.4	WORR34
24408	-	-	-	-	-	159	3.70	3.34	4.81	128	14.9	-
27521	Neg	<10	<10	-0.513	0	50	4.29	3.55	4.51	493	10.2	-
27523	Neg	10	10	-0.519	0	27	4.31	3.57	4.54	466	11.9	-
27698	-	-	-	-	-	30	3.43	3.28	4.68	588	8.3	-
27701	Neg	850	850	-0.520	0	491	2.58	3.27	4.83	260	13.2	-
27702	Neg	<10	<10	-0.521	0	31	2.62	3.28	4.82	308	13.2	-
27818	-	-	-	-	-	19	3.25	3.32	4.80	190	12.2	-
27836	-	-	-	-	-	17	3.83	3.30	4.77	146	13.3	-
27842	-	-	-	-	-	12	3.85	3.37	4.85	146	16.2	-
27921	-	-	-	-	-	36	4.12	3.44	4.64	631	9.0	-
27922	-	-	-	-	-	39	4.28	3.31	4.66	808	9.3	-
27968	-	-	-	-	-	17	3.92	3.42	4.94	174	15.0	-
27972	-	-	-	-	-		4.61	4.08	4.37	305	15.7	-
27973	-	-	-	-	-	23	4.54	4.02	4.45	242	10.3	-
27983	-	-	-	-	-	23	3.75	3.21	4.92	191	12.8	-
28028	-	-	-	-	-	23	0.82	3.34	4.39	793	18.0	-
28059	-	-	-	-	-	27	3.75	3.35	4.65	434	10.2	-
28080	-	-	-	-	-	52	3.37	3.53	4.86	548	14.1	-
28097	-	-	-	-	-	89	3.68	3.16	4.84	190	13.8	19,000
28098	-	-	-	-	-	53	4.09	3.19	4.92	72	15.7	7,390
28113	-	-	-	-	-	7	2.94	3.65	4.77	99	14.6	Individual cow
28114	-	-	-	-	-	53	4.80	3.69	4.65	424	7.6	-
28137	-	-	-	-	-	16	4.03	3.19	4.72	173	14.1	-
28149	-	-	-	-	-	24	4.23	3.42	4.85	180	14.3	-
28156	-	-	-	-	-	21	4.43	3.48	4.74	298	9.5	4,681
28157	-	-	-	-	-	23	3.59	3.14	4.83	269	9.1	7,445
28182	-	-	-	-	-	19	3.83	3.25	4.70	178	13.1	5,903
28183	-	-	-	-	-	28	3.78	3.33	4.56	421	11.6	709
28185	-	-	-	-	-	20	3.00	3.24	4.73	90	14.9	-
28186	-	-	-	-	-	36	3.84	3.47	4.80	152	20.9	-
28210	-	-	-	-	-	16	3.29	3.22	4.87	121	13.5	15,407
28211	-	-	-	-	-	16	3.52	3.49	4.74	132	12.4	9,605
28212	-	-	-	-	-	18	5.21	3.92	4.63	144	12.4	9,700
28215	-	-	-	-	-	24	3.94	3.72	4.72	251	9.6	-
28216	-	-	-	-	-	36	4.30	3.91	4.48	775	12.3	-
28217	-	-	-	-	-	34	3.97	3.52	4.74	398	12.3	-
28218	-	-	-	-	-	23	4.06	3.65	4.74	356	10.5	-
28219	-	-	-	-	-	38	4.04	3.25	4.35	629	5.7	-
28233	-	-	-	-	-	16	3.52	3.41	4.82	168	14.0	6,258
28234	-	-	-	-	-	21	4.04	3.30	4.78	221	16.5	4,962
28277	-	-	-	-	-	39	3.34	3.04	4.95	158	13.3	AM milk
28279	-	-	-	-	-	10	3.45	3.14	4.88	173	15.2	-
28346	-	-	-	-	-	25						Insufficient milk