



For Office Use:

MilkTestNZ Unique Reference Number: _____

 Phone: 07 849 6010
 1344 Te Rapa Road,
 Horotiu
 Hamilton 3288

Client Details

(Approved customers only - Contact salesoperations@milktest.co.nz to register as a customer before sending samples)

Company Name		Name and Signature	
Company to Charge to		Phone Number	
Purchase Order Number		Dispatched Date	
Reference Number		Chilly Bin to be Returned?	☐
Email Addresses for Results			
Additional Comments			CSV File Required? ☐

Submission Requirements

 Email completed submission forms to: samlereception@milktest.co.nz

Samples must be accompanied by a submission form. Submission forms that are filled out incorrectly will not be processed until they are corrected or clarified. Samples under query will be disposed of after 48 hours.

Please refer to the Sample Type Builder and Available Tests tables on the following pages to complete the table below.

Sample Submission Details

No.	Sample ID Maximum 19 characters	Sample Date	Sample Type					Testing Requirements Please list Test Numbers	For Office Use: Internal Reference ID
			L1	L2	L3	L4	Frozen		
1							☐		
2							☐		
3							☐		
4							☐		
5							☐		
6							☐		
7							☐		
8							☐		
9							☐		
10							☐		

Samples should be chilled not frozen. Please enquire before submitting frozen samples.
 If any samples are frozen or have been frozen, tick the Frozen box in the Sample Type Section.

Declaration and Acceptance

By submitting this form, the Customer confirms they are authorised to request the services specified in this submission and the information provided is correct and complete. The Customer acknowledges that they have read and accept MilkTestNZ's Standard Terms and Conditions of Trade, available at www.milktest.co.nz/about/Terms-of-Trade.aspx, which apply to this order.

Testing is charged at the rates in the Customer's current price agreement with MilkTestNZ or, where no agreement is in place, at MilkTestNZ's standard schedule of charges current at the date of submission.

For Office Use:

Chain of Custody Details		Result Reporting Details				
Received by		Date	Tests	Technician	Invoiced	Scanned
Date Received						
Time Received						
Number of Samples						
Temperature on Arrival						



Please refer to the Sample Type Builder and Available Tests tables on the following pages to complete the table below.

Sample Submission Details									
No.	Sample ID Maximum 19 characters	Sample Date	Sample Type					Testing Requirements Please list Test Numbers	For Office Use: Internal Reference ID
			L1	L2	L3	L4	Frozen		
11							☐		
12							☐		
13							☐		
14							☐		
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34							☐		
35							☐		
36							☐		
37							☐		
38							☐		
39							☐		
40							☐		

Samples should be chilled not frozen. Please enquire before submitting frozen samples.
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Sample Type Builder							
L1		L2		L3		L4	
Cow	C	Milk	M	Skim	S	Raw	R
Deer	D	Cream	Cr	Whole	W	Pasteurised	P
Buffalo	B	Colostrum	Co	Ultra-filtered (RO)	UF	Ultra-Heat Treated	UHT
Water	W	Permeate	P	Thickened	T	Hydrolysed & Pasteurised	HP
		Anhydrous Milk Fat	AMF	Infant Formula	IF	High Protein	HiPro
		Slurry	S	Lactose	L	Added Fibre	AF
		Buttermilk (Cultured/Fresh)	B (C/F)	Freeze-Dried	FD	Powder	Pow
		Retentate	R			Thermalised	Th
		Whey	W				
		Ice Cream Mix	I				
		Flavoured (Milk)	F				

Available Tests				
Composition Testing				
Test #	Test Name	Volume	Information about Test	Sample type restrictions
161	Composition including SCC and Freezing Point (Fat, Pro, Lac, TS, Fr. Pt)	30 mL	Individual sample required (cannot be split for other testing)	Raw cow milk only
13	Somatic Cell Count only	30 mL	Individual sample required (cannot be split for other testing)	Raw milk only
11	Freezing Point only (Cryoscope)	5 mL	Individual sample required (cannot be split for other testing)	Raw milk only
56	Urea	30 mL	Must be requested alongside Composition (161) testing	Raw cow milk only
169	Milkoscan – Pasteurised cream composition (Fat, Pro, TS)	30 mL	Individual sample required (cannot be split for other testing)	Pasteurised cream only
Analytical/Reference Testing				
Test #	Test Name	Volume	Information about Test	Sample type restrictions
251	Fat (Roese Gottlieb)	10 mL	Reference method tests can be carried out from a singular sample. Cannot be split for micro testing	
252	Protein (Kjeldahl)	5 mL		
253	Lactose (HPLC)	1 mL		
254	Total Solids (Gravimetric)	3 mL		
259	Solid Non-Fat (SNF) <i>Calculated from Total Solids and Fat results</i>	N/A		
260	Casein Protein - NCN (Kjeldahl)	15 mL		
261	True Protein - NPN (Kjeldahl)	15 mL		
Micro testing				
Test #	Test Name	Volume	Information about Test	Sample type restrictions
2	Bacterial Estimate (BactoScan)	20 mL		Raw cow milk only
3	Bacterial Estimate (SPC)	3 mL		
33	Bacterial Estimate (SPC Neat)	3 mL		
4	Coliforms	10 mL		Raw milk only
34	Coliforms Neat	3 mL		
5	Thermodurics	10 mL		Raw milk only
8	Foreign Matter/Sediment	37 mL	Individual sample required (cannot be split for other testing)	Raw milk only
10	Organoleptic assessment (Senses)	15 mL	Can be tested alongside Foreign Matter/Sediment	Raw milk only
12	Grade Investigation	5 mL	Advisory test for high BactoScan results	Raw milk only
17	Sulphite Reducing Clostridia (SRC)	10 mL		Raw milk only
84	<i>E. coli</i> in Water Presence/Absence	100 mL		Water only
86	Alcohol Precipitation (APT)	10 mL		Raw milk only



Available Tests Continued

Inhibitory Substance Testing

Test #	Test Name	Volume	Information about Test	Sample type restrictions
9	Inhibitory Substances (Screening) – Delvo T	2 mL	Screening test to detect presence of Inhibitory Substances (e.g. Antibiotics or detergent residue)	Raw milk only
65	Inhibitory Substances (Estimated Concentration) – Delvo T	2 mL	Confirmation of a detected result from screening or suspected presence	Raw milk only
173	Standard Antibiotic Residue Suite (LC-MS/MS)	2 mL	Identification and concentration of Antibiotic present in sample - NZ Antibiotic suite	
174	Australian Antibiotic Residue Suite (LC-MS/MS)	2 mL	Identification and concentration of Antibiotic present in sample - Australian Antibiotic Suite	

Specialty/Residue Testing

Test #	Test Name	Volume	Information about Test	Sample type restrictions
6	IgG (HPLC)	5 mL		
21	DDE	10 mL	Includes required fat result	Raw milk only
126	Beta-Lactamase	5 mL		
175	Chlorhexidine	2 mL		
210	Fatty Acid Reference	5 mL		
300	<i>M. Bovis</i>	10 mL		Raw milk only
360	Titrateable Acidity	20 mL		
19	Iodine	5 mL		
30	Aflatoxin	5 mL		
38	A1 Protein Free Residue Test (Bulk milk)	5 mL	Bulk Milk Only	
41	A1 Protein Free Individual Animal Test (Phenotype)	5 mL	Individual Animal Only	
45	Detergent Residue Suite	5 mL		
144	Chlorates and Perchlorates	5 mL		
147	Furosine	5 mL/10 g	Includes required protein result	
149	Lactulose	5 mL/10 g		
155	Minerals / Heavy Metals / Elements	5 mL	Must define which minerals and/or elements are required	
204	QAC + NPE Liquid	5 mL		Liquid milk only
205	NPE Powder	20 g		Powder only
216	Milk Adulterants	10 mL	Melamine, DCD and Cyanuric Acid	
217	Mesospores	5 mL		
218	Bacillus cereus	5 mL		
219	Bismuth	5 mL		
224	NP	5 mL		

Colostrum Sample Type Testing

Test #	Test Name	Volume	Information about Test
3	Bacterial Estimate (SPC)	3 mL	
72	Bacterial Estimate (BactoScan)	15 mL	Seasonal testing only. Please enquire for availability
4	Coliforms	10 mL	
34	Coliforms Neat	3 mL	
5	Thermoturics	10 mL	
78	Foreign Matter/Sediment	37 mL	Individual sample required (cannot be split for other testing)
70	Senses	10 mL	Can be tested alongside Foreign Matter/Sediment
79	Inhibitory Substances (Screening) – Delvo T	2 mL	Screening test to detect presence of Inhibitory Substances (e.g. Antibiotics or detergent residue)