

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



Valid from 21 August 2023
to 20 August 2026
Issued on 14 February 2024



ISO/IEC 17025
TL 032-01

Schedule of Accreditation

Accreditation Scheme for Testing / Calibration Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 032-01

**Chemical, Physical & Microbiological Laboratories of
Fonterra Brands Lanka (Pvt) Ltd,
No. 100, Delgoda Road
Biyagama.**

Scope of Accreditation: Performing Biological testing on Food & Agricultural products (Food, Food additives Milk, Milk powder, Milk Products & Environmental Swabs) and Chemical testing on Food & Agricultural products (Milk, Milk powder, Milk Products) per test methods appearing in the schedule

The Laboratory is accredited for the following tests appear on page 02;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
Microbiology laboratory				
01	Food and Food Additives Cereals and Cereal Powders Vegetable Powders Fruit Powders Flavors, Essence & Food Colorings) Fruit pulps and Concentrates Stabilizers, emulsifiers & pH stabilizers Malt powders Starches Non-Dairy Proteins and Protein Isolates Non-Dairy Creamers Whey Protein Concentrates Tea, Tea extracts & Instant Tea Vitamin premixes Plant sterols Mineral Premixes Sugars, Sugar Mixes & Syrups Cocoa slurry & Powders, Non-Dairy fats and & Fatty acids	Aerobic Plate Count	ISO 4833-1:2013	10cfu/g or ml 01cfu/g or ml
		Detection & Enumeration of Coliforms (MPN Method)	ISO 4831:2006	Presence/ Absence per g or ml
		Enumeration of Coliforms (Colony Count Technique)	ISO 4832:2006	10cfu/g 01cfu/g or ml
		Enumeration of Enterobacteriaceae (Colony-count technique)	ISO 21528- 2:2017	
		Detection of Enterobacteriaceae	ISO 21528- 1:2017	Presence/ Absence per g or ml
		Enumeration of β -glucuronidase-positive Escherichia coli	ISO 16649-2:2001	10cfu/g 01cfu/g or ml
		Detection & Enumeration of Presumptive Escherichia coli (MPN Method)	ISO 7251:2005	Presence/ Absence per g or ml
		Enumeration of Coagulase positive Staphylococcus aureus	ISO 6888-1:2021	10cfu/g 01cfu/g or ml
		Enumeration of presumptive Bacillus cereus (Colony-count technique at 30°C)	ISO 7932:2004	
		Enumeration of Sulphite - Reducing clostridial spores (SRC) growing under anaerobic conditions	ISO 15213:2003	
		Detection of coagulase positive Staphylococcus aureus	ISO 6888-3:2003	Presence/ Absence per g or ml
		Enumeration of yeast and moulds (Colony count technique in products with water activity greater than 0.95)	ISO 21527-1:2008	10cfu/g 01cfu/g or ml
		Enumeration of yeast and moulds. (Colony count technique in products with water activity less than or equal to 0.95)	ISO 21527-2:2008	10cfu/g 01cfu/g or ml

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
02	Cocoa Powder	Enumeration of Bacterial spores in Cocoa	Journal of Food Protection (2020) 83 (9):1530 -1539	10cfu/g
03	Milk & Milk Products	Aerobic Plate Count	FBL/ML/APC-1:2018 (Issue 10/ Rev 00)	10cfu/g 01cfu/g or ml
04		Yeast & Mould Count	ISO 6611/IDF94:2004	
05		Yeast & Mould Count	FBL/ML/YM-1:2018 (Issue 10/ Rev 00)	
06		Enumeration of Coliforms-Colony Count Technique	FBL/ML/CC-1:2018 (Issue 10/ Rev 00)	
07		Enumeration of Thermophilic Bacteria (Class O) - Colony count at 55 ⁰ C	APHA 8.040 (17 th Edition, 2004)	
08		Enumeration of Mesophilic bacterial spores (Total spores) at 30C	FBL/ML/TP/MS(TS)-1:2021 (Issue 10/ Rev 00)	
09		Enumeration of coagulase positive Staphylococcus aureus (Confirmation by Staphurex plus kit)	FBL/ML/SaC-1:2018 (Issue 10/ Rev 00)	
10		Enumeration of Aerobic bacterial spores (Class B)	APHA 8.090 (17 th Edition, 2004)	
11		Enumeration of Thermoresistant Thermophilic bacterial spores at 55°C	FBL/ML/TP/TTS-1:2021 (Issue 10/ Rev 00)	
12		Enumeration of β-glucuronidase-positive Escherichia coli	FBL/ML/E.C-1:2021 (Issue 10/ Rev 00)	

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
13	Milk & Milk Products	Detection of Coliforms	FBL/ML/CD-1:2018 (Issue 10/ Rev 00)	Presence/ Absence per g or ml
14	Milk & Milk Products	Sterility in UHT products (Thermophilic microbial growth at 55°C)	FBL/ML/TP/TG(CS)-1:2021 (Issue 10/ Rev 00)	
15	Milk & Milk Products	Commercial sterility in UHT products (Mesophilic microbial growth at 30°C)	FBL/ML/TP/MG(CS)-1:2021 (Issue 10/ Rev 00)	
16	Environmental swabs	Enumeration of Coliforms-Colony Count Technique (Swabs)	ISO 4832: 2006	10 cfu/swab
		Enumeration of Enterobacteriaceae: Colony-count technique (Swabs)	ISO 21528-2:2017	
17	Environmental swabs	Environmental hygiene sampling by Swabs (for all accredited parameters in the scope)	FBL/ML/SwS-1:2021 (Issue 10/ Rev 00)	N/A
Physical & chemical laboratory - Powder				
18	Milk powder, Milk and Milk products	Determination of moisture content by oven method, percent by mass	LMM-P/04-01 NZTM 03.12.08 (Issue 15/10-2008)	LOD 0.01%
19		Determination of fat content by gerber method, percent by mass	LMM-P/04-03 NZTM 03.06.02 (Issue 07/06-2000)	0.40 – 32.00%
20		Determination of bulk density, g/ml	LMM-P/04-02 NZTM 04.02.03 (Issue 13.1/03-2007)	LOD 0.01%

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
Physical & chemical laboratory - Liquid				
21	Liquid Milk and Liquid Milk products	Determination of total fat content by Gerber method, percent by mass	NZTM 03.06.02 (Issue 07/06-2000)	0.10 – 8.00%
22		Determination of Milk fat by “Milk fat: guide for the for the operation of mid-infra-red instrument for Liquid milk.	LMM/04-03 (Issue 10/Rev 00)	0.04 – 12.41%
23	Raw Milk	Determination of milk fat by “Milk fat: guide for the operation of mid-infra-red instrument for whole milk”	NZTM 03.08.01 (Issue 14/04-2008)	0.04 – 12.41%
24		Detection of residue of antibacterial substances (Delvotest SP NT)	LMM-L/04-06 (Issue 10/Rev 00)	2 – 3000 ppb
25		Determination of AFM1 in Raw Milk (SLAFMQ)	LMM-L/04-07 (Issue 10/Rev 00)	200 – 750 ppt
26		Determination of AFM1 in Raw Milk (MRLAFMQ)	LMM-L/04-8 (Issue 10/Rev 00)	10 – 100 ppt

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment