



CERTIFICATE OF ACCREDITATION

This is to certify that

FOOD TECHNOLOGY LABORATORY

Testing Laboratory No. T035

is accredited by the ***Mauritius Accreditation Service (MAURITAS)***
for the following Testing fields:

FOOD TESTING
and
BIOLOGICAL

as per scope of schedule of accreditation

THIS LABORATORY MEETS THE REQUIREMENTS OF ISO/IEC 17025:2017

This accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system and shall remain in force subject to continuing compliance with MAURITAS accreditation criteria, ISO/IEC 17025:2017 and any further requirements specified by MAURITAS

Issue Date: 10 June 2024

Director of MAURITAS

This certificate is valid only when accompanied by its schedule of Accreditation.



Schedule of Accreditation
Laboratory No. T035
(accredited to ISO/IEC 17025:2017)

Permanent Address of laboratory:
Food Technology Laboratory
Agricultural Services
Ministry of Agro-Industry and Food Security
Réduit

Postal Address:
Food Technology Laboratory
Agricultural Services
Ministry of Agro-Industry and Food Security
Réduit

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Technical Signatories:

For Food Testing:

Mrs. Chreshma Boodhram-Bedacee
(For all accredited tests)

Mrs. Madhyi Jugnarain
(For accredited tests A1, A4, B1, C1, D1 and D2 only)

Mrs. Bibi Samimah Joomun, Mrs. Ashna Seebaluck
Ghurhoo *(For accredited tests A1, B1, D1 and D2 only)*

Mrs. Rajnee Devi Mistry Panpadoo
(For accredited tests A1 and B1 only)

Mrs. Uma Devi Ramrecha
(For accredited tests A2, A3, A4 and B1 only)

Ms. Yovishca Devi Chellan
(For accredited tests A2, A3 and A4 only)

Mrs. Hemlata Dowlut
(For accredited test C1 only)

For Biological:

Mr. Koshla Ramdoyal, Mrs. Bhamini Reetoo,
Mr. Jacques Desire Laval Arlandoo, Mrs.
Yushreen Luttoo, Ms. Cevina Devi Gooria,
Dr. (Mrs.) Reena Devi Bhoyroo, Mrs. Pravina
Devi Manohur Gokhool, Mr. Leveen Kumar
Bookhun *(For all accredited tests)*

Dr. (Mrs.) Sharmila Buldewo *(For accredited tests A1, A2, A3, A4, A5, A6, B2, B3, B4, B5, B6 and B9 only)*

Issue No.: 01

Expiry Date: 09 June 2028

	<i>Items, Materials or Products Tested</i>	<i>Types of tests/Properties Measured Range of Measurement</i>	<i>Specification/Standard methods or techniques used</i>
I.	Food Testing		
A.	Fish and Fishery Products	1. Histamine 2. Lead, Cadmium 3. Total Mercury	In-house method using High Performance Liquid Chromatography with Diode Arrays Detection (HPLC-DAD) Digestion by In-house method based on BS EN 13804:2013 and In-house method based on BS EN 14084:2003 Digestion by In-house method based on BS EN 13804:2013 and In-house method based on BS EN 13086-1:2023

		4. Total Volatile Base Nitrogen (TVB-N)	In-house method based on Commission Regulation (EC) No. 2074/2005 of 5 December 2005.
B.	Nuts and Nuts Products, Cereal and Cereal Products	1. Aflatoxin B1, B2, G1, G2 and Total	In house method using HPLC
C.	Fruits and Vegetables	1. Pesticide Residues	In house method based on BS EN 15662:2018
D.	Honey	1. Moisture Content (%)	In house method using Halogen Moisture Analyser
		2. pH	In house method based on AOAC (2019) official method 962.19
II	Biological		
A.	Food and Agricultural Products	1. Detection and enumeration of <i>Enterobacteriaceae</i> – Part 2: Colony count technique	ISO 21528-2:2017
		2. Detection, enumeration and serotyping of <i>Salmonella</i> — Part 1: Detection of <i>Salmonella</i> spp.	ISO 6579-1:2017 /Amd. 1: 2020
		3. Enumeration of coagulase-positive <i>staphylococci</i> (<i>Staphylococcus aureus</i> and other species) — Part 1: Technique using Baird-Parker agar medium	ISO 6888-1:2021
		4. Determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>	ISO 21872-1:2017
		5. Detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. — Part 1: Detection method	ISO 11290-1:2017
		6. Detection and enumeration of <i>Campylobacter</i> spp. — Part 1: Detection method	ISO 10272-1:2017

B.	Food, Agricultural Products and Animal Feed	<ol style="list-style-type: none"> 1. Detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. — Part 2: Enumeration method 2. Enumeration of presumptive <i>Bacillus cereus</i> – Colony Count technique at 30°C 3. Enumeration of <i>Clostridium perfringens</i> — Colony-count technique 4. Enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95 5. Enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95 6. Horizontal method for the enumeration of microorganisms – Part 1: Colony Count at 30°C by the pour plate technique 7. Horizontal method for the enumeration of microorganisms – Part 2: Colony Count at 30°C by the surface plating technique 8. Horizontal Method for the enumeration of Coliforms – Colony Count Technique 9. Horizontal method for the enumeration of β-Glucuronidase positive <i>E.coli</i> - Part 1: Colony count technique at 44°C using membranes and 5-bromo-4-chloro-3-indolyl β-D-glucuronide 10. Horizontal method for the enumeration of β-Glucuronidase positive <i>E.coli</i> - Part 2: Colony count technique at 44°C using 5-bromo-4-chloro-3-indolyl β-D-glucuronide 	<p>ISO 11290-2:2017</p> <p>ISO 7932:2004</p> <p>ISO 7937:2004</p> <p>ISO 21527-1:2008</p> <p>ISO 21527-2:2008</p> <p>ISO 4833-1, first edition 2013-09-01, Amendment 1:2022</p> <p>ISO 4833-2, first edition 2013-09-01, Amendment 1:2022</p> <p>ISO 4832:2006</p> <p>ISO 16649-1:2018</p> <p>ISO 16649-2:2001</p>
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C.	Water	<ol style="list-style-type: none"> 1. Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium 2. Enumeration of <i>Escherichia coli</i> and coliform bacteria — Part 1: Membrane filtration method for waters with low bacterial background flora 3. Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method 4. Detection and enumeration of the spores of sulphite-reducing anaerobes (<i>Clostridia</i>) – Part 2: Method by membrane filtration 5. Detection and enumeration of <i>Pseudomonas aeruginosa</i>- Method by membrane filtration 6. Detection of <i>Salmonella</i> spp. 	<p>ISO 6222:1999</p> <p>ISO 9308-1:2014/Amd. 1: 2016</p> <p>ISO 7899-2:2000</p> <p>ISO 6461-2:1986</p> <p>ISO 16266:2006</p> <p>ISO 19250:2010</p>
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Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 10 June 2024

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 Director of MAURITAS