



CERTIFICATE OF ACCREDITATION

This is to certify that

***MAURITIUS STANDARDS BUREAU
Chemical Unit***

Testing Laboratory No. T005

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

***TEXTILES AND GARMENTS TESTING
FOOD TESTING
CHEMICAL
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: 26 September 2024

Director of MAURITAS

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



Schedule of Accreditation
Laboratory No. T005
(accredited to ISO/IEC 17025:2017)

Permanent Address of Laboratory:

Mauritius Standards Bureau
Villa Road
MOKA

For Food Testing:

Mrs. Smita Seebah-Ramchurn
Mrs. Neeroo Devi Nobeen
Mr. Chundusing Baichoo (D4 only)

Postal Address:

Mauritius Standards Bureau
Villa Road
MOKA

For Chemical:

Mr. Shabbir Hammad Ghoorun
Mr. Ghansyam Seedyah
Mrs. Neeroo Devi Nobeen (F1 only)
Mr. Yashvan Bisnatsingh

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For Biological:

Mr. Chundusing Baichoo
Ms. Meenathee Nagamootoo

Technical Signatories:

For Textiles and Garments Testing:

Mr. Rajwant Rao Gunnoo
Mrs. Chandurane Jeebun
Mrs. Pekshna Kisto – Bhaugerutty
Mr. Bhavish Rai Ramsurrun

Issue No: 09

Expiry Date: 07 November 2026

	<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.	<i>Textiles and Garments Testing</i>		
A.	Fabric and yarn	1. Colour Fastness to water 2. Colour Fastness to perspiration 3. Colour Fastness to rubbing 4. Mixtures of certain cellulose fibres with certain other fibres (method using sulphuric acid)	ISO 105 E01:2013 ISO 105 E04:2013 ISO 105 X12:2016 ISO 1833-11:2017
B.	Fabrics	1. Determination of fabric propensity to surface pilling, fuzzing or matting	ISO 12945-1:2020
C.	Single spun yarns	1. Determination of twists in single spun yarns	ISO 17202:2002

D.	Toys	<ol style="list-style-type: none"> 1. Features protruding 50 mm or more from surface of toy 2. Features protruding 50 mm or less from the surface of toy 3. Full or partial moulded head masks 4. Soft filled toys 	<p>BS EN 71-2:2020, Clause 4.2.2</p> <p>BS EN 71-2:2020, Clause 4.2.3</p> <p>BS EN 71-2:2020, Clause 4.2.4</p> <p>BS EN 71-2:2020, Clause 4.5</p>
E.	Fabric and Garment	<ol style="list-style-type: none"> 1. Determination of Mass per unit area 	ISO 3801:1977
II. Food Testing			
A.	Cereals and cereals products	<ol style="list-style-type: none"> 1. Determination of moisture content 2. Determination of total ash content 3. Determination of nitrogen by Kjeldahl method 	<p>FOO/01 based on ISO 712-1: 2024</p> <p>FOO/02 based on ISO 2171:2023</p> <p>FOO/04 based on ISO 20483:2013</p>
B.	Dried Milk powder and dried milk products	<ol style="list-style-type: none"> 1. Determination of fat content 	FOO/03 based on ISO 23318:2022
C.	Rice	<ol style="list-style-type: none"> 1. Determination of average length of rice 2. Determination of broken kernels 3. Determination of foreign matter/grains and paddy 4. Determination of red and undermilled kernels, damage and yellow kernels, chalky kernels 	<p>FOO/06 based on MS ISO 7301:2021 - specification for rice and ISO 11746:2020</p> <p>FOO/07 based on MS ISO 7301:2021 - specification for rice</p> <p>FOO/09 based on MS ISO 7301:2021 - specification for rice</p> <p>FOO/08 based on MS ISO 7301:2021 - specification for rice</p>

D.	Fish and fishery products	<ol style="list-style-type: none"> 1. Determination of moisture content 2. Determination of protein content 3. Determination of fat content 4. Determination of Histamine content 5. Determination of Total Volatile Base-Nitrogen (TVBN) 	<p>FOO/10 based on ISO 1442:2023</p> <p>FOO/11 based on ISO 1871: 2009</p> <p>FOO/12 based on AOAC-Official method 948.15 22nd Ed.</p> <p>FOO/19 based on AOAC Official Method 977.13 22nd Ed.</p> <p>FOO/05 based on EC No 2074: 2005</p>
E.	Water	<ol style="list-style-type: none"> 1. Determination of ammonium 2. Determination of total chlorine 3. Determination of pH 4. Determination of electrical conductivity 5. Determination of Total Dissolved Solids 6. Determination of turbidity 7. Determination of total alkalinity 	<p>FOO/13 based on ISO 5664: 1984</p> <p>FOO/14 based on ISO 7393-3: 1990</p> <p>FOO/15 based on ISO 10523: 2008</p> <p>FOO/16 based on ISO 7888: 1985</p> <p>FOO/17 based on BS EN 15216:2021</p> <p>FOO/18 based on ISO 7027: 2016</p> <p>FOO/20 based on ISO 9963:1994</p>
III. Chemical			
A.	Carbon Steel Bars	<ol style="list-style-type: none"> 1. Determination of copper, nickel molybdenum, chromium, manganese, vanadium and phosphorus contents 2. Determination of total carbon and sulphur contents 3. Determination of nitrogen content 4. Carbon Equivalent Value 	<p>In-house Method based on ISO 16918: Parts 1 and 2: 2009 and ISO 17650:2024</p> <p>ISO 15350:2000</p> <p>ISO 15351:1999</p> <p>MS 10:2020, Clause 7.1 – By Calculation</p>

B.	Potable Water	1. Determination of aluminium, arsenic, calcium, cadmium, copper, iron, potassium, magnesium, manganese, sodium, nickel, lead and zinc contents	ISO 11885:2007
C.	Fish and Fishery Products	1. Determination of mercury content using pressure digestion	In-house method – Inductively-coupled plasma optical emission spectrometry with the Hydramist sample introduction system and based on BS EN 13805:2014
		2. Determination of arsenic, chromium, lead, cadmium and tin contents	In-house method based on BS EN 15763:2009
D.	Stainless Steel	1. Determination of copper, nickel, molybdenum, chromium, manganese, vanadium and phosphorus contents	In-house method based on ISO 16918 Parts 1&2:2009 and ISO 17650:2024
		2. Determination of total carbon and sulphur contents	ISO 15350:2000
		3. Determination of nitrogen content	ISO 15351:1999
E.	Toys	1. Determination of antimony, arsenic, barium, cadmium, chromium, lead and selenium contents	BS EN 71-3:2019 +A2:2024
F.	Cement	1. Determination of loss on ignition, sulphate and chloride contents and residue insoluble in hydrochloric acid and sodium carbonate	BS EN 196-2:2013

IV.	Biological		
A.	Drinking water and water used for food processing plant	1. Total Viable Count at 22°C and 37°C 2. Enumeration of <i>Escherichia coli</i> and coliform bacteria – Part 1: Membrane filtration method for waters with low bacterial background flora	ISO 6222:1999 ISO 9308-1:2014 / Amd 1:2016
B.	Food and food products	1. Total viable count at 30°C - Part 1: Pour plate method Part 2: Surface spread method 2. Enumeration of Total coliform 3. Enumeration of β-glucuronidase positive <i>Escherichia coli</i> – Part 2: Colony count at 44°C using 5-bromo-4 – chloro-3-indolyl β -D- glucuronide 4. Enumeration of coagulase positive Staphylococci using Baird and Parker Medium	ISO 4833-1:2013 / Amd 1:2022 ISO 4833-2:2013 / Amd 1:2022 ISO 4832:2006 ISO 16649-2:2001 ISO 6888-1:2021 / Amd 1:2023

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 26 September 2025

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