



## 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***

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: 07 June 2023

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

**Postal Address:**

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For Food Testing:

Mr. Loganaden Soobramanien

Mrs. Smita Seebah-Ramchurn

Mrs. Neeroo Nobeen

Mr. Chundunsing Baichoo (for Histamine only)

For Chemical:

Mr. Shabbir Hammad Ghoorun

Mr. Ghansyam Seedyah

Mrs. Neeroo Devi Nobeen (for Cement Testing only)

Mr. Yashvan Bisnatsingh

**Technical Signatories:**

For Textiles and Garments Testing:

Mr. Rajwant Rao Gunnoo

Mrs. Chandurane Jeebun

Mrs. Pekshna Kisto - Bhauggerutty

**Issue No:** 03

**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>
<b>I.</b>	<b><i>Textiles and Garments Testing</i></b>		
1.	Fabric and yarn	Colour Fastness to water Colour Fastness to perspiration Colour Fastness to rubbing 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
2.	Fabrics	Determination of fabric propensity to surface fuzzing and to pilling	ISO 12945-1:2020
3.	Single spun yarns	Determination of twists in single spun yarns	ISO 17202:2002

4.	Toys	Features protruding 50 mm or more from surface of toy	BS EN 71-2:2020, Clause 4.2.2
		Features protruding 50 mm or less from the surface of toy	BS EN 71-2:2020, Clause 4.2.3
		Full or partial moulded head masks	BS EN 71-2:2020, Clause 4.2.4
		Soft filled toys	BS EN 71-2:2020, Clause 4.5
5.	Fabric and Garment	Determination of Mass per unit area	ISO 3801:1977
<b>II. Food Testing</b>			
1.	Cereals and cereals products	Determination of moisture content	FOO/01 based on ISO 712: 2009
		Determination of total ash content	FOO/02 based on ISO 2171: 2007
		Determination of nitrogen by Kjeldahl method	FOO/04 based on ISO 20483: 2006
2.	Dried Milk powder and dried milk products	Determination of fat content	FOO/03 based on ISO 1736: 2008
3.	Rice	Determination of average length of rice	FOO/06 based on MS ISO 7301: 2011 - specification for rice
		Determination of broken kernels	FOO/07 based on MS ISO 7301: 2011 - specification for rice
		Determination of foreign matter/grains and paddy	FOO/09 based on MS ISO 7301: 2011 - specification for rice
		Determination of red and undermilled kernels, damage and yellow kernels, chalky kernels	FOO/08 based on MS ISO 7301: 2011 - specification for rice

4.	Fish and fishery products	Determination of moisture content  Determination of protein content  Determination of fat content  Determination of Histamine content  Determination of Total Volatile Base-Nitrogen (TVBN)	FOO/10 based on ISO 1442:1997  FOO/11 based on ISO 1871: 2009  FOO/12 based on AOAC-17 <sup>th</sup> edition method 948.15  FOO/19 based on AOAC Official Method 977.13  FOO/05 based on EC No 2074: 2005
5.	Water	Determination of ammonium  Determination of total chlorine  Determination of pH  Determination of electrical conductivity  Determination of Total Dissolved Solids  Determination of turbidity  Determination of total alkalinity	FOO/13 based on ISO 5664: 1984  FOO/14 based on ISO 7393-3: 1990  FOO/15 based on ISO 10523: 2008  FOO/16 based on ISO 7888: 1985  FOO/17 based on BS EN 15216: 2007  FOO/18 based on ISO 7027: 2016  FOO/20 based on ISO 9963:1994
<b>III. Chemical</b>			
1.	Carbon Steel Bars	Determination of copper, nickel molybdenum, chromium, manganese, vanadium and phosphorus contents  Determination of total carbon and sulphur contents  Determination of nitrogen content	In-house Method based on ISO 16918: Parts 1 and 2: 2009 and ISO 13898:1997  ISO 15350:2000  ISO 15351:1999

2.	Potable Water	Determination of aluminium, arsenic, calcium, cadmium, copper, iron, potassium, magnesium, manganese, sodium, nickel, lead and zinc contents	ISO 11885:2007
		Determination of aluminium, arsenic, cadmium, copper, iron, potassium, magnesium, manganese, sodium, nickel, lead and zinc contents	ISO 17294-2:2016
3.	Fish and Fishery Products	Determination of mercury content	BS EN 13806:2002
		Determination of arsenic, chromium, lead, cadmium and tin contents	In-house method based on BS EN 15763:2009
4.	Stainless Steel	Determination of copper, nickel, molybdenum, chromium, manganese, vanadium and phosphorus contents	In-house method based on ISO 16918 Parts 1 & 2:2009 and ISO 13898:1997
		Determination of total carbon and sulphur contents	ISO 15350:2000
		Determination of nitrogen content	ISO 15351:1999
5.	Toys	Determination of antimony, arsenic, barium, cadmium, chromium, lead and selenium contents	BS EN 71-3:1995
6.	Cement	Determination of loss on ignition, sulphate and chloride contents and residue insoluble in hydrochloric acid and sodium carbonate	BS EN 196-2:2013

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 25 October 2023

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Director of MAURITAS