



CERTIFICATE OF ACCREDITATION

This is to certify that

LABORATOIRE INTERNATIONAL DE BIO ANALYSE (LIBA) LTEE

Testing Laboratory No.: T015

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

CHEMICAL

and

BIOLOGICAL

as per scope of schedule of accreditation

THIS LABORATORY MEETS THE REQUIREMENTS OF ISO/IEC 17025:2005

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 17025:2005 and any further requirements specified by MAURITAS

Issue Date: 15 June 2018

Director of MAURITAS

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



**Schedule of Accreditation
Laboratory No.: T015**

Permanent Address of Laboratory:

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Issue No: 04

Expiry Date: 10 February 2020

	<i>Materials/Products Tested</i>	<i>Types of tests/Properties Measured Range of Measurement</i>	<i>Specification/Standard methods or techniques used</i>
I.	Chemical		
1.	Water	Alkalinity	APHA 2320 B, 22 nd Ed
		Appearance	APHA 2110, 22 nd Ed
		BODn	NF EN 1899-1 (Mai 1998)
		Chloride	APHA 4500-Cl ⁻ B, 22 nd Ed (Argentometric Method)
		Chlorine free/total	ISO 7393-2: 1985 (Colorimetry)
		COD	APHA 5220 C, 22 nd Ed
		Conductivity	APHA 2510 B, 22 nd Ed
		Dissolved Oxygen	ISO 5813: 1983 (E)
		Nitrate	ISO 7890-3: 1988 (Spectrometric Method)
		Ammonia as NH ₃ -N	APHA 4500-NH ₃ B/C, 22 nd Ed
		Oil and Grease	APHA 5520 B, 22 nd Ed

		pH Value	APHA 4500-H ⁺ B , 22 nd Ed (Electrometry)
		Phosphorus as Orthophosphate	ISO 6878: 2004 (E) Clause 4
		Total Suspended Solids	NF EN 872: 2005
		Total Dissolved Solids	APHA 2540 C, 22 nd Ed
		Sulphate	APHA 4500-SO ₄ ²⁻ E, 22 nd Ed
		Anionic Surfactants as MBAS	APHA 5540 C, 22 nd Ed
		Kjeldahl Nitrogen	NF EN 25663 :1994
II. Biological			
1.	Water	Coliform group (Membrane Filtration)	APHA 9222 B, 22 nd Ed
		Detection and enumeration of <i>Escherichia coli</i> and coliform bacteria - Part 1: Membrane filtration method	ISO 9308-1:2000/Cor. 1:2007
		Enumeration of <i>Escherichia coli</i> and coliform bacteria - Part 2: Most probable number method	ISO 9308-2:2012
		Enumeration of culturable micro-organisms - Colony count by inoculation in a nutrient agar culture medium	ISO 6222:1999
		Detection of <i>Salmonella spp</i>	ISO 19250:2010
		Detection and Enumeration of the spores of sulphite-reducing anaerobes (<i>Clostridium</i>) Part 2: Method by membrane filtration.	ISO 6461-2:1986
		Recherche et Dénombrement des	XPT90-412

2.	Food	<i>Staphylocoques</i> Pathogènes – Méthode par filtration sur membrane.	
		Enterococci	IDEXX Enterolert DW/E
		Faecal Coliforms	IDEXX Colilert-18
		Detection of <i>Salmonella</i> <i>spp</i>	ISO 6579:2002 (F) /Corrigendum 1:2004
		Detection of <i>Shigella spp</i>	ISO 21567 :2004 (F)
		Enumeration of <i>Clostridium</i> <i>perfringens</i>	ISO 7937 :2004 (E)
		Detection and Enumeration of Coliforms (MPN)	ISO 4831 :2006 (E)
		Enumeration of Coliforms	ISO 4832 :2006 (E)
		Detection and Enumeration of Presumptive <i>E. coli</i> (MPN)	ISO 7251 : 2005 (E)
		Enumeration of Micro- organisms Colony Count @ 30°C	ISO 4833-1 : 2013 (E)
		Enumeration of <i>Coagulase</i> <i>positive staphylococci</i> (BP medium)	ISO 6888-1 :1999 (E)
		Enumeration of <i>Coagulase</i> <i>positive staphylococci</i> (MPN)	ISO 6888-3 :2003 (E)
		Enumeration of Presumptive <i>Bacillus</i> <i>cereus</i> (count)	ISO 7932 :2004 (E)
Detection and Enumeration of <i>L. monocytogenes</i>	ISO 11290-1 :1996 (E) /Amendment 1:2004		
Detection and Enumeration of <i>L. monocytogenes</i>	ISO 11290-2 :1998 (E) /Amendment 1:2004		
Enumeration of <i>Pseudomonas spp</i>	ISO 13720 :2010 (E)		

		Yeast count : Horizontal method for the enumeration of yeasts and moulds – Part 2: Colony count technique in products with water activity less than or equal to 0.95	ISO 21527-2:2008
		Moulds count : Horizontal method for the enumeration of yeasts and moulds – Part 2: Colony count technique in products with water activity less than or equal to 0.95	ISO 21527-2:2008
		Yeast & Moulds count : Horizontal method for the enumeration of yeasts and moulds – Part 2: Colony count technique in products with water activity less than or equal to 0.95	ISO 21527-2:2008
		Horizontal method for the enumeration of mesophilic Lactic Acid Bacteria – Colony count at 30°C.	ISO 15214:1998
		Horizontal method for the detection of <i>E.coli</i> O157	ISO 16654:2001
3.	Food and animal feeding stuffs	Horizontal method for detection and enumeration of <i>Campylobacter spp</i> – Part1: Detection method.	ISO 10272-1 : 2006
		Horizontal method for the detection of potentially enteropathogenic <i>Vibrio spp</i> – Part1: Detection of <i>Vibrio parahaemolyticus</i> and <i>Vibrio cholerae</i> .	ISO/TS 21872-1: 2007/ Cor. 1:2008
		Horizontal method for the detection of potentially enteropathogenic <i>Vibrio spp</i> – Part2: Detection of species other than <i>Vibrio</i>	ISO 21872-2: 2007

	<p><i>parahaemolyticus</i> and <i>Vibrio cholerae</i></p> <p>Horizontal method for the detection of presumptive pathogenic <i>Yersinia enterocolitica</i>.</p> <p>Horizontal method for the detection and enumeration of <i>Enterobacteriaceae</i> – Part2: Colony count method</p> <p>Horizontal method for the detection and enumeration of <i>Enterobacteriaceae</i> – Part1: Detection and Enumeration by MPN technique with pre-enrichment.</p> <p>Horizontal method for the determination of low numbers of presumptive <i>Bacillus cereus</i> – MPN technique and detection method.</p> <p>Horizontal method for the enumeration of β-glucuronidase-positive <i>Escherichia coli</i> – Part2: Colony Count technique at 44°C using 5-bromo-4-chloro-3 indolyl β-D-glucoronide.</p>	<p>ISO 10273: 2003</p> <p>ISO 21528-2 : 2004</p> <p>ISO 21528-1 : 2004</p> <p>ISO 21871:2006</p> <p>ISO 16649-2: 2001</p>
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Date: 15 June 2018

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