

CERTIFICATE OF ACCREDITATION

ZAMBIA BUREAU OF STANDARDS (TESTING)

Standards Act No 4 of the Laws of Zambia

Facility Accreditation Number: TEST-1 0013

is a SADCAS accredited Testing Laboratory
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,
Annexure "A", bearing the above accreditation number for

MICROBIOLOGICAL ANALYSIS

The facility is accredited in accordance with the recognized International Standard

ISO/IEC 17025:2017

*The accreditation demonstrates technical competency for a defined scope and the operation
of a laboratory quality management system*

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States
as a multi-economy accreditation body*

Mrs Maureen P Mutasa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 29 May 2021
Effective Date (Issue No: 1): 29 May 2021
Certificate Expires: 28 May 2026

ANNEXURE A
SCHEDULE OF ACCREDITATION
MICROBIOLOGICAL ANALYSIS

Laboratory Accreditation Number: TEST-1 0013 (ISO/IEC 17025:2017)

<p><u>Permanent Address of Laboratory</u> Zambia Bureau of Standards Lechwe House, Freedom way Lusaka Zambia</p> <p><u>Postal Address</u> P O Box 50259 Lusaka Zambia</p> <p><u>Tel</u> : +260 211 231 385 <u>Fax</u> : +260 211 238 483 <u>Cell</u> : +260 965655949 <u>Email</u> : lmwila@zabs.org.zm</p>		<p><u>Technical Signatories</u> : Mr L Chirwa (All methods) Ms C L Ngoma (All methods) Mr L Munsanje (All methods) Ms C Chimbala (All methods)</p> <p><u>Management Representative</u> : Mr H Manda</p> <p><u>Nominated Representative</u> : Mr L Mwila</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 09 February 2024 <u>Expiry Date</u> : 28 May 2026</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Water	Determination of Aerobic Plate Count	LTM 007 ML – Pour Plate method
	Determination of <i>Escherichia coli</i> and Coliform bacteria	LTM 024 ML - Membrane Filtration Technique
	Determination of Fecal Coliforms	LTM 025 ML – Membrane Filtration Technique
Food and Animal Feeding	Determination and Enumeration of Total Coliforms	LTM 010 ML – Pour Plate technique
	Determination of Aerobic Plate Count	LTM 016 ML – Pour Plate Technique
	Determination and Enumeration of Fecal Coliforms in food	LTM 031 ML – Pour Plate Technique
	Determination of β -glucuronidase positive <i>Escherichia coli</i>	LTM 012 ML – Pour Plate Technique
	Determination and enumeration of Enterobacteriaceae	LTM 015 ML – Pour Plate Technique

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Issue No: 02

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MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Food and Animal Feeding	Enumeration of Yeasts and Moulds (Water activity greater than 0.95) Detection of Salmonella spp. Enumeration of Coagulase-positive Staphylococci	LTM 017-1 ML - Colony Count Technique LTM 018 ML LTM 021 – Spread Plate technique

Original date of accreditation: 03 December 2015

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Pinkie J Malebe
SADCAS Technical Manager