

CERTIFICATE OF ACCREDITATION

ENVIRONMENTAL MANAGEMENT AGENCY LABORATORY, ZIMBABWE

Established by Act of EMA CAP [20:27] of 2002

Facility Accreditation Number: TEST-5 0005

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

CHEMICAL 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*

Eve C Gadzikwa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 31 March 2023
Effective Date (Issue No: 1): 31 March 2023
Certificate Expires: 30 March 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0005 (ISO/IEC 17025:2017)**

<p>Permanent Address of Laboratory Environmental Management Agency Laboratory 6 Off Pauling Drive, KG6 Borrowdale Harare Zimbabwe</p> <p>Postal Address P.O Box CY 385 Causeway Harare Zimbabwe</p> <p>Tel : +263 242 792772/252087 Cell : +263 71 245 8152 Email : syomisi@gmail.com : emalab@ema.co.zw : sylvia.yomisi@ema.co.zw</p>		<p>Technical Signatories : Ms P S Chagonda (All methods) : Mr S Mavunga (All methods) : Ms F Dhanda (CM07, CM39, CM42)</p> <p>Nominated Representative : Ms S Yomisi</p> <p>Issue No : 01 Date of Issue : 31 March 2023 Expiry Date : 30 March 2028</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Raw and Potable Water	Determination of calcium Determination of chloride Determination of chromium VI Determination of free cyanide Determination of mercury and arsenic Determination of metals (Cu; Ni; Co; Cd; Mn; Zn; Fe; Pb) Determination of Nitrates Determination of Phosphates Determination of Sodium and Potassium Determination of Chemical Oxygen Demand (COD) Determination of Turbidity	SOP/CM04 – Titrimetric method SOP/CM07 – Titrimetric method SOP/CM08 – GBC Cintra UV –VIS SOP/CM16 - Spectrophotometry SOP/CM21 - Hydride Generation SOP/CM22 - AAS SOP/CM23 - UV/VIS Spectrophotometry SOP/CM28 - Spectrophotometry SOP/CM31 - Flame Photometry SOP/CM42 - DR 2800 Spectrophotometer SOP/CM39 - Turbidimeter

Original date of accreditation: 06 November 2012

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Pinkie J Malebe
SADCAS Technical Manager