

# CERTIFICATE OF ACCREDITATION

## ENVIRONMENTAL MANAGEMENT AGENCY LABORATORY

*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*

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**Pinkie J Malebe**  
For 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><b>Permanent Address of Laboratory</b><br/>Environmental Management Agency Laboratory<br/>6 Off Pauling Drive, KG6<br/>Borrowdale<br/>Harare<br/>Zimbabwe</p> <p><b>Postal Address</b><br/>P.O Box CY 385<br/>Causeway<br/>Harare<br/>Zimbabwe</p> <p><b>Tel</b> : +263 242 792772/252087<br/><b>Cell</b> : +263 71 245 8152<br/><b>Email</b> : <a href="mailto:emalab@ema.co.zw">emalab@ema.co.zw</a><br/>: <a href="mailto:sylvia.yomisi@ema.co.zw">sylvia.yomisi@ema.co.zw</a></p> |  | <p><b>Technical Signatories</b> :</p> <p>Ms P S Chagonda (All methods)<br/>Ms F Dhanda (CM07, CM39, CM42, CM33)<br/>Mr S Mavunga (All methods, except CM61)</p> <p><b>Nominated Representative</b> : Ms S Yomisi</p> <p><b>Issue No</b> : 02<br/><b>Date of Issue</b> : 20 January 2026<br/><b>Expiry Date</b> : 30 March 2028</p>  |
|--|--|---|
| MATERIALS/PRODUCTS TESTED  | TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT   | STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED  |
| Raw and Potable Water  | <p>Determination of Calcium</p> <p>Determination of Chloride</p> <p>Determination of Chromium VI</p> <p>Determination of free Cyanide</p> <p>Determination of Mercury and Arsenic</p> <p>Determination of Metals (Cu, Ni, Co, Cd, Mn, Zn, Fe, Pb)</p> <p>Determination of Nitrates</p> <p>Determination of Phosphates</p> <p>Determination of Sodium and Potassium</p> <p>Determination of Chemical Oxygen Demand (COD)</p> <p>Determination of Turbidity</p> <p>Determination of Sulphate</p> <p>Determination of Organochlorine Pesticides (DDD, DDE, DDT, Aldrin, Heptachlor, Heptachlor Epoxide)</p> | <p>SOP/CM04 - Titrimetric method</p> <p>SOP/CM07 - Titrimetric method</p> <p>SOP/CM08 - GBC Cintra UV –VIS</p> <p>SOP/CM16 - Spectrophotometry</p> <p>SOP/CM21 - Hydride Generation</p> <p>SOP/CM22 - AAS</p> <p>SOP/CM23 - UV/VIS Spectrophotometry</p> <p>SOP/CM28 - Spectrophotometry</p> <p>SOP/CM31 - Flame Photometry</p> <p>SOP/CM42 - DR 2800 Spectrophotometer</p> <p>SOP/CM39 - Turbidimeter</p> <p>SOP/CM33 - Turbidimeter</p> <p>SOP/CM61-GC-MS</p> |

Original date of accreditation: 06 November 2012

Page 1 of 1

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**Pinkie Malebe**  
**SADCAS Technical Manager**