

CERTIFICATE OF ACCREDITATION

NAMIBIAN STANDARDS INSTITUTION - TESTING CENTRE LABORATORY

Standards Act of 2005 No.18

Facility Accreditation Number: TEST-5 0048

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*

Mrs Maureen P Mutasa
SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 25 May 2020

Certificate Expires: 24 May 2025

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0048 (ISO/IEC 17025:2017)**

| <p>Permanent Address of Laboratory Namibian Standards Institution – Testing Centre Light Industrial Area Langer Heinrich Crescent ERF No. 4466, Walvis Bay Namibia</p> <p>Postal Address: P O Box 123 Walvis Bay Namibia</p> <p>Tel : +264 64 216 600 Direct : +264 64 216 609 Cell : +264 81 147 5386 Email : nseua@nsi.com.na</p> | | <p>Technical Signatories: Mr O Ashipala (All methods) Mr E Uusiku (All methods) Mrs M Uusiku (All methods) Ms H Namupala (All methods, except TM/B/03 & TM/B/08) Ms I N Shaanika (All methods, except TM/B/03 & TM/B/04) Mr O M Nahambo (All methods, except TM/B/03 & TM/B/04)</p> <p>Nominated Representative : Ms A Nseu</p> <p>Issue No : 05 Date of Issue : 26 September 2023 Expiry Date : 24 May 2025</p> | |
|---|---|---|--|
| MATERIALS/PRODUCTS TESTED | TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT | STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED | |
| <p>Food Products Shellfish</p> <p>Fish and Fisheries Products</p> <p>Fish and Fisheries Products, Poultry & Poultry Products, Meat & Meat Products, Agronomic Products, Horticulture Products</p> | <p>Determination of Amnesic Shellfish Poisoning (ASP) Toxicity</p> <p>Determination of Paralytic Shellfish Poisoning (PSP) Toxicity</p> <p>Determination of Paralytic Shellfish Poisoning (PSP) Toxicity</p> <p>Determination of Lipophilic Toxins</p> <p>Determination of Histamine</p> <p>Determination of Histamine</p> <p>Determination of Mercury</p> <p>Determination of Cadmium and Lead</p> | <p>TM/B/01 by HPLC-UV</p> <p>TM/B/03 based on AOAC Official Method 959.08 by Mouse Bioassay</p> <p>TM/B/04 by HPLC-FLD</p> <p>TM/B/08 by LC-MS/MS</p> <p>TM/B/05 by LC-MS/MS</p> <p>TM/B/16 by HPLC-UV</p> <p>TM/B/06 using Direct Mercury Analyzer 80-TriCell</p> <p>TM/B/07 by GF - AAS</p> | |

ANNEXURE A

Laboratory Accreditation No: TEST-5 0048 (ISO/IEC 17025:2017)

Issue No: 05

Date of Issue: 26 September 2023

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| MATERIALS/PRODUCTS TESTED | TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT | STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED |
|---|--|--|
| Water Quality Potable Water (Tap water, Bottled Water) and Wastewater | Determination of Turbidity | TM/B/11 using Turbidimeter |
| Potable Water (Tap Water, Bottled Water) Wastewater, River Water and Borehole Water | Determination of pH | TM/B/09 using pH/Conductivity Meter |
| | Determination of Conductivity | TM/B/10 using pH/Conductivity Meter |
| | Determination of Total Dissolved Solids | TM/B/10 using pH/Conductivity Meter |
| Potable Water (Tap Water, Bottled Water), Wastewater and Sea Water | Determination of Salinity | TM/B/12 using Salt 6+ Salinity Meter |

Original date of accreditation: 25 May 2020

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Pinkie J Malebe
SADCAS Technical Manager