

CERTIFICATE OF ACCREDITATION

GOVERNMENT CHEMIST LABORATORY AUTHORITY - DNA LABORATORY

The Government Chemist Laboratory Authority Act, No. 8 of 2016

Facility Accreditation Number: TEST-5 0072

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): 04 August 2022
Certificate Expires: 03 August 2027

ANNEXURE A
SCHEDULE OF ACCREDITATION
CHEMICAL ANALYSIS

Laboratory Accreditation Number: TEST-5 0072 (ISO/IEC 17025:2017)

| <p><u>Permanent Address of Laboratory</u> Government Chemist Laboratory Authority 5, Barack Obama Drive Dar es Salaam Tanzania</p> <p><u>Postal Address</u> P O Box 164 Dar es Salaam Tanzania</p> <p><u>Tel</u> : +255 22 211 3383/4 <u>Cell</u> : +255 75 459 7033 <u>Email</u> : gcla@gcla.go.tz benny.mallya@gcla.go.tz</p> | <p><u>Technical Signatories</u> :</p> <p>Ms H S Mwema (All methods) Ms L N Waitara (All methods) Mr F C Bugoye (All methods) Mr R H Nauja (All methods) Mr M M Saidi (All methods) Ms R L Nzamba (All methods) Mr A O Kanenda (All methods) Mr L D Michael (All methods) Mr S M Mboya (All methods) Mr D J Ngassa (All methods) Mr R O Mohammedi (All methods)</p> <p><u>Nominated Representative</u> : Mr B Mallya</p> <p><u>Deputy Nominated Representative</u> : Mr D Elias</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 17 May 2023 <u>Expiry Date</u> : 03 August 2027</p> | |
|--|---|--|
| MATERIALS/PRODUCTS TESTED | TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT | STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED |
| <p>Forensic DNA samples (Blood/ Semen/Saliva/Bone/Tooth/ Hair/Muscle Tissue)</p> <p>Non-Forensic DNA samples - Parentage, Kinship, Sex Ambiguity</p> | <p>Extraction: Isolation Of Human Genomic DNA Using Chelex Resin</p> <p>STR Quantification: Quantification of Isolated Human DNA Samples using Quantifiler Trio Quantification kit</p> | <p>DNA/SOP/07 (SOP for Isolation of Genomic DNA Using Chelex 100 Method)</p> <p>DNA/SOP/13 (Quantification of Human DNA Extracts Using 7500 Real Time PCR)</p> |

ANNEXURE A

Laboratory Accreditation No: TEST-5 0072 (ISO/IEC 17025:2017)

Issue No: 02

Date of Issue: 17 May 2023

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|---------------------------|--|---|
| (Blood/Buccal cells/Hair) | <p>STR Amplification: Amplification of Human DNA Fragments (Short Tandem Repeats) using Identifiler Plus and Yfiler Plus Kits</p> <p>STR Electrophoresis Electrophoresis using 3500xl Genetic Analyzer</p> | <p>DNA/SOP/14 (SOP for Amplification of Human DNA Fragments)</p> <p>DNA/SOP/25 (SOP for Capillary Electrophoresis of the 3500XL Genetic Analyzer)</p> |

Original date of accreditation: 04 August 2022

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Pinkie J Malebe
SADCAS Technical Manager