

CERTIFICATE OF ACCREDITATION

GOVERNMENT CHEMIST LABORATORY AUTHORITY - DNA LABORATORY

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

Facility Accreditation Number: FOR-001

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

FORENSIC ANALYSIS (HUMAN DNA)

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

Effective Date (Issue No. 2): 14 February 2024
Certificate Expires: 03 August 2027

ANNEXURE A

SCHEDULE OF ACCREDITATION

FORENSIC ANALYSIS (HUMAN DNA)

Laboratory Accreditation Number: **FOR 001 (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 A J Chuwa (All methods) Ms L N Waitara (All methods) Mr F C Bugoye (All methods) Mr B E Majinyali(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> : 03 <u>Date of Issue</u> : 14 February 2024 <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 and Muscle Tissue)</p> <p>Non-Forensic DNA samples (Parentage, Kinship and 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: FOR-001 (ISO/IEC 17025:2017)

Issue No: 03

Date of Issue: 14 February 2024

Date of Expiry: 03 August 2027

MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
(Blood, Buccal cells and 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