

# CERTIFICATE OF ACCREDITATION

## TROPICAL DISEASES RESEARCH CENTRE LABORATORY - ZAMBIA

*Company Registration No. HPCZ/101/3/0637*

**Facility Accreditation Number: MED 032**

is a SADCAS accredited Medical 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

**MEDICAL TESTING LABORATORY**  
**CLINICAL CHEMISTRY, HAEMATOLOGY, IMMUNOLOGY, MICROBIOLOGY,**  
**MOLECULAR BIOLOGY, MYCOBACTERIOLOGY AND PARASITOLOGY**

*The facility is accredited in accordance with the recognized International Standard*

**ISO 15189:2012**

*The accreditation demonstrates technical competency for a defined scope and the operation  
of a laboratory quality management system*

*SADCAS is a subsidiary 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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**Eve Christine Gadzikwa**  
**SADCAS Chief Executive Officer**

**Date of Renewal of Accreditation: 15 July 2024**  
**Effective Date (Issue No: 01): 15 July 2024**  
**Certificate Expires: 05 December 2025**

## ANNEXURE A

### SCOPE OF ACCREDITATION

Laboratory Accreditation Number: **MED 032 (ISO 15189:2012)**

<p><b>Permanent Address of Laboratory</b> Tropical Diseases Research Centre (TDRC) 6<sup>th</sup> &amp; 7<sup>th</sup> Floors, Ndola Teaching Hospital Corner Broadway/Nkhana Roads Ndola Zambia</p> <p><b>Postal Address:</b> P.O Box 71769 Ndola Zambia</p> <p><b>Tel</b> : +260 212620737 <b>Cell</b> : +260973732949 <b>Fax</b> : <b>Email</b> : <a href="mailto:kenshimpindu@gmail.com">kenshimpindu@gmail.com</a></p>			<p><b>Technical Signatories</b> : As Authorized by the Head of Laboratory</p> <p><b>Nominated Representative</b> : Mr Kenny Situtu</p> <p><b>Issue No</b> : 01 <b>Date of Issue</b> : 15 July 2024 <b>Expiry Date</b> : 05 December 2025</p>		
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD			
<p><b><u>CLINICAL CHEMISTRY</u></b> Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma Serum/Plasma</p> <p><b><u>IMMUNOLOGY</u></b> Serum/Plasma Serum</p> <p><b><u>PARASITOLOGY</u></b> Blood</p>	<p>Albumin Alkaline Phosphatase (ALP) Alanine Aminotransferase (AST) Aspartate Aminotransferase Bilirubin, Total Cholesterol Creatinine Glucose Total Protein Triglycerides Urea Uric Acid</p> <p>HIV RPR</p> <p>Malaria Microscopy- Giemsa</p>	<p>Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111 Cobas C111</p> <p>Manual - Rapid Manual - Rapid</p> <p>Manual - Microscopy</p>			

## ANNEXURE A

Laboratory Accreditation No: MED 032 (ISO 15189:2012)

Issue No: 01

Date of Issue: 15 July 2024

Date of Expiry: 05 December 2025

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>MOLECULAR BIOLOGY</u></b> Nasopharyngeal Swab/ Nasal Swab	SARS-CoV-2	QuantStudio 5 Real -time PCR
<b><u>MICROBIOLOGY</u></b> Urine	Culture and Isolation of Pathogenic Organisms	Manual Method
Pus swabs	Gram stain Culture and Isolation of Pathogenic Organisms: Aerobic and Anaerobic	Manual Method- Microscopy Manual Method
Cultures	Bacterial Identification Testing <ul style="list-style-type: none"> <li>• Optochin</li> <li>• Bacitracin</li> <li>• Novobiocin</li> <li>• API 20E</li> <li>• Catalase</li> <li>• Coagulase (Slide and Tube)</li> <li>• Triple Sugar Iron (TSI)</li> <li>• Lysine Iron Agar</li> <li>• Sulfur, Indole, Motility (SIM)</li> <li>• Urease</li> <li>• Citrate</li> <li>• Oxidase</li> </ul> Antimicrobial Susceptibility Testing: <ul style="list-style-type: none"> <li>• Disc Diffusion</li> </ul>	Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method: Kirby Bauer
<b><u>MYCOBACTERIOLOGY</u></b> Sputum	AFB Microscopy TB Culture and DST Line Probe Assay (1 <sup>st</sup> and 2 <sup>nd</sup> Line)	Manual - Fluorescent Microscopy BD Bactec MGIT 960 PCR/LPA – Hain Lifesciences Platform

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>HAEMATOLOGY</u></b>		
Whole Blood	WBC	ABX Micros 60
Whole Blood	RBC	ABX Micros 60
Whole Blood	HCT	ABX Micros 60
Whole Blood	HB	ABX Micros 60
Whole Blood	MCV	ABX Micros 60
Whole Blood	MCH	ABX Micros 60
Whole Blood	MCHC	ABX Micros 60
Whole Blood	Platelets	ABX Micros 60

Original date of accreditation: 12 August 2019

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**Mrs Pinkie J Malebe**  
**SADCAS Technical Manager**