

CERTIFICATE OF ACCREDITATION

NATIONAL HEALTH RESEARCH AND TRAINING INSTITUTE

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 15189:2022

*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*

**Eve Christine Gadzikwa
SADCAS Chief Executive Officer**

**Date of Renewal of Accreditation: 15 July 2024
Effective Date (Issue No: 2): 07 September 2025
Certificate Expires: 11 August 2029**

ANNEXURE A

SCOPE OF ACCREDITATION

Laboratory Accreditation Number: **MED 032 (ISO 15189:2022)**

<p>Permanent Address of Laboratory National Health Research & Training Institute 6th & 7th Floors, Ndola Teaching Hospital Corner Broadway/ Nkhana Roads Ndola Zambia</p> <p>Postal Address: P.O Box 71769 Ndola Zambia</p> <p>Tel : +260 212620737 Cell : +260973732949 Fax : Email : kenshimpindu@gmail.com</p>		<p>Technical Signatories : As Authorized by the Head of Laboratory</p> <p>Nominated Representative : Mr Kenny Situtu</p> <p>Issue No : 02 Date of Issue : 07 September 2025 Expiry Date : 11 August 2029</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p>CLINICAL CHEMISTRY 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>HAEMATOLOGY Whole Blood Whole Blood Whole Blood Whole Blood Whole Blood Whole Blood Whole Blood Whole Blood Whole 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>WBC RBC HCT HB MCV MCH MCHC Platelets</p>	<p>Cobas C111 Cobas C111</p> <p>ABX Micros 60 ABX Micros 60</p>

ANNEXURE A

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Issue No: 02

Date of Issue: 07 September 2025

Date of Expiry: 11 August 2029

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>IMMUNOLOGY</u> Serum/Plasma Serum	HIV RPR	Manual - Rapid Manual - Rapid
<u>MICROBIOLOGY</u> 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"> • Optochin • Bacitracin • Novobiocin • API 20E • Catalase • Coagulase (Slide and Tube) • Triple Sugar Iron (TSI) • Lysine Iron Agar • Sulfur, Indole, Motility (SIM) • Urease • Citrate • Oxidase Antimicrobial Susceptibility Testing: <ul style="list-style-type: none"> • Disc Diffusion 	Manual Method Manual Method: Kirby Bauer
<u>MOLECULAR BIOLOGY</u> Nasopharyngeal Swab/ Nasal Swab	SARS-CoV-2	QuantStudio 5 Real -time PCR
<u>MYCOBACTERIOLOGY</u> Sputum	AFB Microscopy TB Culture and DST Line Probe Assay (1 st and 2 nd 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
<u>MYCOBACTERIOLOGY cont' d</u>		
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
<u>PARASITOLOGY</u>		
Blood	Malaria Microscopy- Giemsa	Manual - Microscopy

Original date of accreditation: 12 August 2019

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Mrs Pinkie J Malebe
SADCAS Technical Manager