

# CERTIFICATE OF ACCREDITATION

## MUHIMBILI NATIONAL HOSPITAL CENTRAL PATHOLOGY LABORATORY-TANZANIA

*Registration No: Parliamentary Act 5 of 2000*

**Facility Accreditation Number: MED 005**

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  
BLOOD BANK, CLINICAL CHEMISTRY, HAEMATOLOGY, IMMUNOLOGY,  
MOLECULAR BIOLOGY, MYCOBACTERIOLOGY, PARASITOLOGY AND SEROLOGY**

*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 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 1) 07 February 2025  
Certificate Expires: 06 February 2030**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 005 (ISO 15189:2022)**

<p><b><u>Permanent Address of Laboratory</u></b> Muhimbili National Hospital Central Pathology Laboratory Kalenga Street Plot 1048/3 Ilaba District Dar es Salaam Tanzania</p> <p><b><u>Postal Address</u></b> P.O Box 65002 Dar es Salaam Tanzania</p> <p><b><u>Tel</u></b> : +255 222151367 <b><u>Cell</u></b> : +255 758409988 <b><u>Fax</u></b> : +255 222150534 <b><u>Email</u></b> : <a href="mailto:lushina.mayala@yahoo.com">lushina.mayala@yahoo.com</a></p>		<p><b><u>Technical Signatories</u></b> : As Authorized by the Head of Laboratory</p> <p><b><u>Nominated Representative</u></b> : Mr Lushina Mayala</p> <p><b><u>Issue No</u></b> : 01 <b><u>Date of Issue</u></b> : 07 February 2025 <b><u>Expiry Date</u></b> : 06 February 2030</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p><b><u>BLOOD BANK</u></b> Whole Blood Serum</p> <p><b><u>CLINICAL CHEMISTRY</u></b> Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum</p>	<p>ABO Blood grouping Compatibility Testing</p> <p>Albumin Alanine Aminotransferase (ALT) Alkaline Phosphatase (ALP) Aspartate Aminotransferase (AST) Gamma Glutamyl Transferase (GGT) Total Protein Total Bilirubin Direct Bilirubin Globulin Urea Creatinine Potassium Sodium</p>	<p>Manual Method Manual Method</p> <p>Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100 Architect ci4100</p>

## ANNEXURE A

Laboratory Accreditation No: MED 005 (ISO 15189:2022)

Issue No: 01

Date of Issue: 07 February 2025

Date of Expiry: 06 February 2030

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>CLINICAL CHEMISTRY cont'd</u></b>		
Serum	Chloride	Architect ci4100
Serum	Calcium	Architect ci4100
Serum	Magnesium	Architect ci4100
Serum	Phosphate	Architect ci4100
Serum	Triglycerides	Architect ci4100
Serum	Cholesterol (Total)	Architect ci4100
Serum	Cholesterol (HDL)	Architect ci4100
Serum	Cholesterol (LDL)	Architect ci4100
Serum	Creatine Kinase	Architect ci4100
Serum	Glucose	Architect ci4100
Serum	Uric Acid	Architect ci4100
Serum	Lactate Dehydrogenase (LDH)	Architect ci4100
Serum	Amylase	Architect ci4100
Serum	Iron	Architect ci4100
<b><u>HAEMATOLOGY</u></b>		
Whole Blood	WBC	Cell -DYN RUBY
Whole Blood	RBC	Cell -DYN RUBY
Whole Blood	HB	Cell -DYN RUBY
Whole Blood	HCT	Cell -DYN RUBY
Whole Blood	MCV	Cell -DYN RUBY
Whole Blood	MCH	Cell -DYN RUBY
Whole Blood	MCHC	Cell -DYN RUBY
Whole Blood	PLT	Cell -DYN RUBY
Whole Blood	Differential	Cell -DYN RUBY
	<ul style="list-style-type: none"> <li>• Neutrophils</li> <li>• Eosinophils</li> <li>• Lymphocytes</li> <li>• Basophils</li> <li>• Monocytes</li> </ul>	Cell -DYN RUBY Cell -DYN RUBY Cell -DYN RUBY Cell -DYN RUBY Cell -DYN RUBY

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<b><u>HAEMATOLOGY cont'd</u></b>		
Plasma	Prothrombin Time (PT)	ACL Top Family
Plasma	Activated Partial Thromboplastin Time (APTT)	ACL Top Family
Plasma	International Normalized Ratio (INR)	ACL Top Family
<b><u>IMMUNOLOGY</u></b>		
Serum	AFP	Architect c4100
Serum	B12	Architect c4100
Serum	CA125	Architect c4100
Serum	Folate	Architect c4100
Serum	FSH	Architect c4100
Serum	FT4	Architect c4100
Serum	FT3	Architect c4100
Serum	LH	Architect c4100
Serum	TSH	Architect c4100
Serum	PSA	Architect c4100
Serum	Estradiol	Architect c4100
Serum	Progesterone	Architect c4100
Serum	βHCG	Architect c4100
<b><u>MOLECULAR BIOLOGY</u></b>		
Whole Blood	HIV-1 RNA PCR	Cobas 4800
<b><u>MYCOBACTERIOLOGY</u></b>		
Sputum	TB Microscopy – Auramine	Manual Method
Sputum	MTB/RIF	GeneXpert
<b><u>PARASITOLOGY</u></b>		
Blood Smear	Blood Parasites Examination	Giemsa Stain Microscopy
Whole Blood	Blood Parasites Examination	Manual MRDT
Urine	Urinalysis	Manual Method
Stool	Stool Analysis	Manual Method
Stool	Stool for Occult Blood	Manual Method

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>SEROLOGY</u></b>		
Serum	Cytomegalovirus	Architect ci4100
Serum	HIV Ag/Ab Test	Architect ci4100
Serum	Hepatitis A Virus	Architect ci4100
Serum	Hepatitis B Virus	Architect ci4100
Serum	Hepatitis C Virus	Architect ci4100
Serum	Hepatitis B Core Antibodies	Architect ci4100
Serum	Toxoplasma	Architect ci4100
Serum	Syphilis	Manual

Original date of accreditation: 22 August 2014

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