

# CERTIFICATE OF ACCREDITATION

## NAMIBIA INSTITUTE OF PATHOLOGY – WINDHOEK CENTRAL REFERENCE LABORATORY

*Company Registration No. 2000/41*

**Facility Accreditation Number: MED 108**

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, ENDOCRINOLOGY, HAEMATOLOGY, MOLECULAR  
BIOLOGY, MICROBIOLOGY, MYCOBACTERIOLOGY 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*

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**Eve Christine Gadzikwa**  
**SADCAS Chief Executive Officer**

**Date of Accreditation (Issue 3): 30 April 2025**

**Certificate Expires: 10 August 2027**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 108 (ISO 15189:2022)**

<p><b>Permanent Address of Laboratory</b> Namibia Institute of Pathology NIP Windhoek Central Reference Laboratory Windhoek Central Hospital Complex Windhoek, Namibia</p> <p><b>Postal Address</b> P.O Box 277 Windhoek Namibia</p> <p><b>Tel</b> : +264 61 295 4001 <b>Cell</b> : +264 81 2772809 <b>Fax</b> : - <b>Email</b> : <a href="mailto:Emma.Shitaatala@nip.com.na">Emma.Shitaatala@nip.com.na</a></p>	<p><b>Technical Signatories</b> : As Authorized by the Head of Laboratory</p> <p><b>Nominated Representative</b> : Mrs Emma Endyala</p> <p><b>Issue No</b> : 03 <b>Date of Issue</b> : 30 April 2025 <b>Expiry Date</b> : 10 August 2027</p>
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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b>CLINICAL CHEMISTRY</b>		
Serum	Albumin	Alinity Ci
Serum	Alkaline Phosphatase (ALP)	Alinity Ci
Serum	Alanine Aminotransferase (ALT)	Alinity Ci
Serum	Aspartate Aminotransferase (AST)	Alinity Ci
Serum	Amylase	Alinity Ci
Serum	Chloride	Alinity Ci
Serum	Cholesterol	Alinity Ci
Serum	Creatinine	Alinity Ci
Serum	Compliment C3	Alinity Ci
Serum	Compliment C4	Alinity Ci
Serum	CRP	Alinity Ci
Serum	Direct Bilirubin	Alinity Ci
Serum	Total Bilirubin	Alinity Ci
Serum	GGT	Alinity Ci
Plasma	Glucose	Alinity Ci
Serum	Iron	Alinity Ci
Serum	LDH	Alinity Ci
Serum	Magnesium	Alinity Ci
Serum	Phosphorus	Alinity Ci
Serum	Potassium	Alinity Ci
Serum	Sodium	Alinity Ci
Serum	Total CK	Alinity Ci
Serum	Total Protein	Alinity Ci
Serum	Triglycerides	Alinity Ci
Serum	Transferrin	Alinity Ci
Serum	Urea	Alinity Ci

## ANNEXURE A

Laboratory Accreditation No: MED 108 (ISO 15189:2022)

Issue No: 03

Date of Issue: 30 April 2025

Date of Expiry: 10 August 2027

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>CLINICAL CHEMISTRY Cont'd</u></b>		
Serum	Uric Acid	Alinity Ci
Serum	Calcium	Alinity Ci
Serum	IGA	Alinity Ci
Serum	IgG	Alinity Ci
Serum	IgM	Alinity Ci
<b><u>HAEMATOLOGY</u></b>		
Whole Blood	WBC	Sysmex XN 1000i
Whole Blood	RBC	Sysmex XN 1000i
Whole Blood	HB	Sysmex XN 1000i
Whole Blood	HCT	Sysmex XN 1000i
Whole Blood	MCV	Sysmex XN 1000i
Whole Blood	MCH	Sysmex XN 1000i
Whole Blood	MCHC	Sysmex XN 1000i
Whole Blood	RDW	Sysmex XN 1000i
Whole Blood	Platelet Count	Sysmex XN 1000i
Plasma	APTT	ACL Elite
Plasma	PT	ACL Elite
Plasma	D dimer	ACL Elite
Plasma	Fibrinogen	ACL Elite
<b><u>MOLECULAR BIOLOGY</u></b>		
Plasma	HIV Viral Load	Hologic Panther
Plasma	HIV Viral Load	Abbott M2000rt/Cobas 4800
DBS	EID	Hologic Panther
DBS	EID	GeneXpert
Swab	SARS-Cov-2	GeneXpert/Bioer
Urine	<i>Neisseria gonorrhoeae</i>	GeneXpert
Urine	Chlamydia Trachomatis	GeneXpert
Swab	Influenza	Light Cyclor 480
<b><u>MYCOBACTERIOLOGY</u></b>		
Sputum	TB Direct Microscopy	Manual (Fluorescence Auramine O)
Sputum	TB Direct Microscopy	Manual (Ziehl Neelsen Stain)
Sputum	MTB/RIF	Infinity
Sputum	TB Culture	MGIT 960
Sputum	LPA 1 <sup>st</sup> and 2 <sup>nd</sup>	GT Blot/Twincubator
Sputum	Rapid Identification (MPT64) Antigen	Manual

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>ENDOCRINOLOGY</u></b>		
Serum	HCG	Alinity Ci
Serum	Estradiol	Alinity Ci
Serum	TSH	Alinity Ci
Serum	LH	Alinity Ci
Serum	Progesterone	Alinity Ci
Serum	TSH	Alinity Ci
Serum	T-PSA	Alinity Ci
Serum	Prolactin	Alinity Ci
Serum	FT3	Alinity Ci
Serum	FT4	Alinity Ci
Serum	Testosterone	Alinity Ci
Serum	SHBG	Alinity Ci
Serum	AFP	Alinity Ci
Serum	CA-153	Alinity Ci
Serum	CA -125	Alinity Ci
Serum	CA-199	Alinity Ci
Serum	CEA	Alinity Ci
Serum	Free PSA	Alinity Ci
Serum	Ferritin	Alinity Ci
Serum	Vitamin B12	Alinity Ci
Serum	FSH	Alinity Ci
<b><u>SEROLOGY</u></b>		
Serum	Hepatitis A IgM	Alinity Ci /Architect i2000
Serum	Hepatitis C	Alinity Ci /Architect i2000
Serum	Hepatitis B Surface Antigen	Alinity Ci /Architect i2000
Serum	Hepatitis B Surface Ab	Alinity Ci /Architect i2000
Serum	Hepatitis B Core IgM	Alinity Ci /Architect i2000
Serum	Hepatitis B Core Ab	Alinity Ci /Architect i2000
Serum	HIV I/2	Alinity Ci /Architect i2000
Serum	CMV IgG and IgM	Alinity Ci /Architect i2000
Serum	Toxoplasma IgG and IgM	Alinity Ci /Architect i2000
Serum	Rubella IgM and IgM	Alinity Ci /Architect i2000
Serum	RPR	Manual Method
Serum	TPHA	Manual Method

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b>MICROBIOLOGY</b>		
CSF	Macroscopy Gram Stain Culture and isolation of pathogenic organisms	Manual Method
Urine	Culture and isolation of pathogenic organisms	Manual Method
Swabs (Ear, Nose, Throat, genital)	Gram Culture and isolation of pathogenic organisms, aerobic	Manual Method
Fluids ((Vitreous, ascites, pleural, peritoneal, synovial)	Macroscopy Gram Stain Culture and isolation of pathogenic Organisms, aerobic	Manual Method
Catheter tips	Culture and isolation of pathogenic organisms, aerobic	Manual Method
Pus/Wound/Abscess/Soft Tissue/ Aspirates (Bartholin Cyst)	Gram Stain Culture and isolation of pathogenic organisms, aerobic	Manual Method
Faecal samples	Macroscopy Culture and isolation of pathogenic organisms excluding <i>Campylobacter</i> species, <i>Yersinia</i> species and <i>Vibrio</i> species and Enteropathogenic <i>Escherichia coli</i> , aerobic	Manual Method
Sputum/Bronchial/Tracheal	Macroscopy Gram stain Culture and isolation of pathogenic organisms, aerobic	Manual Method
Cultures	BACTERIAL IDENTIFICATION TESTING Gram Stain API Identification <ul style="list-style-type: none"> <li>• DNase Test</li> <li>• Catalase Test</li> <li>• Oxidase Test</li> <li>• Aesculin Bile Test</li> <li>• Citrate Utilization Test (Simmons)</li> <li>• Streptex</li> <li>• Spot Indole Test</li> </ul>	Vitek 2XL
Cultures	Antimicrobial Susceptibility Testing Disc diffusion and MIC	Vitek 2XL

