

# CERTIFICATE OF ACCREDITATION

## NYANGABGWE REFERRAL HOSPITAL LABORATORY

*Company Registration No. DCS 14/45*

**Facility Accreditation Number: MED 007**

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, CYTOLOGY, HAEMATOLOGY,  
MYCOBACTERIOLOGY AND SEROLOGY**

*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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**Mrs Pinkie Malebe**  
**For Chief Executive Officer**

**Date of Renewal of Accreditation: 25 May 2020**  
**Effective Date (Issue 3): 8 November 2022**  
**Certificate Expires: 24 May 2025**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 007 (ISO 15189:2012)**

| <p><b>Permanent Address of Laboratory</b><br/>Nyangabgwe Referral Hospital Laboratory<br/>Plot Number 2523<br/>Marang Road<br/>Francistown<br/>Botswana</p> <p><b>Postal Address</b><br/>Private Bag 127<br/>Francistown<br/>Botswana</p> <p><b>Tel</b> : +267 2411428<br/><b>Cell</b> : +267 72858283<br/><b>Fax</b> : +267 2411016<br/><b>Email</b> : <a href="mailto:dufelduffy@gmail.com">dufelduffy@gmail.com</a></p> |  | <p><b>Technical Signatories</b> : As Authorized by the Head of Laboratory</p> <p><b>Nominated Representative</b> : Mrs Ntombikayise Ngwenya</p> <p><b>Issue No</b> : 03<br/><b>Date of Issue</b> : 8 November 2022<br/><b>Expiry Date</b> : 24 May 2025</p>   |
|--|--|---|
| DISCIPLINE/SAMPLE TYPE   | TYPES OF TESTS   | EQUIPMENT/METHOD  |
| <p><b><u>BLOOD BANK</u></b></p> <p>Whole Blood<br/>Whole Blood<br/>Whole Blood<br/>Whole Blood<br/>Whole Blood</p> <p><b><u>CLINICAL CHEMISTRY</u></b></p> <p>Serum<br/>Serum<br/>Serum<br/>Serum<br/>Serum<br/>Serum<br/>Serum<br/>Serum<br/>Serum<br/>Serum</p>  | <p>ABO Grouping<br/>Rhesus Typing<br/>Direct Coombs<br/>Indirect Coombs<br/>Crossmatch</p> <p>Albumin<br/>ALP<br/>ALT<br/>AST<br/>Chloride<br/>Total Cholesterol<br/>Creatinine<br/>Total Bilirubin<br/>Direct Bilirubin</p> | <p>Manual Method<br/>Manual Method<br/>Manual Method<br/>Manual Method<br/>Manual Method</p> <p>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480<br/>Cobas c311/AU480</p> |

## ANNEXURE A

Laboratory Accreditation No: MED 007 (ISO 15189:2012)

Issue No: 03

Date of Issue: 8 November 2022

Date of Expiry: 24 May 2025

| DISCIPLINE/SAMPLE TYPE                  | TYPES OF TESTS     | EQUIPMENT/METHOD    |
|---|--------------------|---------------------|
| <b><u>CLINICAL CHEMISTRY cont'd</u></b> |                    |                     |
| Serum                                   | GGT                | Cobas c311/AU480    |
| Plasma                                  | Glucose            | Cobas c311/AU480    |
| Serum                                   | LDH                | Cobas c311          |
| Serum                                   | Potassium          | Cobas c311/AU480    |
| Serum                                   | Sodium             | Cobas c311/AU480    |
| Serum                                   | Total Protein      | Cobas c311/AU480    |
| Serum                                   | Triglycerides      | Cobas c311/AU480    |
| Serum                                   | Urea               | Cobas c311/AU480    |
| Serum                                   | Uric Acid          | Cobas c311/AU480    |
| <b><u>CYTOLOGY</u></b>                  |                    |                     |
| Pap Smears                              | Gynaecological     | Manual Method       |
| <b><u>HAEMATOLOGY</u></b>               |                    |                     |
| Whole Blood                             | WBC                | Sysmex XN 2000      |
| Whole Blood                             | RBC                | Sysmex XN 2000      |
| Whole Blood                             | HB                 | Sysmex XN 2000      |
| Whole Blood                             | HCT                | Sysmex XN 2000      |
| Whole Blood                             | MCV                | Sysmex XN 2000      |
| Whole Blood                             | MCH                | Sysmex XN 2000      |
| Whole Blood                             | MCHC               | Sysmex XN 2000      |
| Whole Blood                             | RDW                | Sysmex XN 2000      |
| Whole Blood                             | Platelet Count     | Sysmex XN 2000      |
| Whole Blood                             | Differential Count | Sysmex XN 2000      |
| <b><u>MYCOBACTERIOLOGY</u></b>          |                    |                     |
| Sputum                                  | TB Microscopy      | Manual Method       |
| Sputum                                  | MTB/RIF            | GeneXpert DX System |
| <b><u>SEROLOGY</u></b>                  |                    |                     |
| Serum                                   | RPR                | Manual Method       |

