CERTIFICATE OF ACCREDITATION

GNK LABORATORIES (PVT) LTD

Company Registration No.10591/2005

Facility Accreditation Number: TEST-5 0010

is a SADCAS accredited Testing 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

CHEMICAL ANALYSIS

The facility is accredited in accordance with the recognized International Standard

ISO/IEC 17025:2017

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

Mrs Maureen P Mutasa SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 19 May 2020 Effective Date (Issue No: 1): 19 May 2020 Certificate Expires: 18 May 2025



ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: TEST-5 0010 (ISO/IEC 17025:2017)

Permanent Address of Laboratory

GNK Laboratories (Pvt) Ltd 123 Borgward Road, Msasa

Harare Zimbabwe **Technical Signatories**

Mrs N T Mandizha (All methods except G701-B)

Mr T Vinyu (All methods)

Postal Address

P O Box AY 181, Amby

Msasa, Harare Zimbabwe Nominated Representative

Mrs N T Mandizha

<u>Tel</u> : +263 448 7545

 Cell
 : +263 712 865 146

 Email
 : info@zimlabs.co.zw

Issue No : 03

Date of Issue: 30 January 2024Expiry Date: 18 May 2025

| MATERIALS/PRODUCTS TESTED | TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT | STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED |
|--|---|--|
| Geochemical and Metallurgical samples | Determination of PGMs (Pt, Pd, Rh) and Gold Determination of Base Metals (Co, Cu, Li, Ni) | G703 by Fire Assay followed by AAS Finish G706 using Multi-acid Digestion followed by AAS Finish |
| Chrome Sample | Chrome/Iron | G701-B by Titrimetric Method |
| Water and Waste Water | Determination of Metals (Ca, Mg, Na, K, Ni, Cr, Cd, Cu, Fe, Pb, Mn and Zn) | CHW 101 using Flame AA Spectroscopy |
| | Titrimetric determination of Chloride | CHW 102 |
| | Turbidimetric determination of Sulphate | CHW 103-A |
| | Determination of Nitrates | CHW 104 |
| | Determination of Phosphates | CHW 106 |
| | | |

Original date of accreditation: 20 February 2015 Page 1 of 1

Pinkie J Malebe SADCAS Technical Manager