

CERTIFICATE OF ACCREDITATION

TOBACCO RESEARCH BOARD, ZIMBABWE

Company Registration No. 20002613

Facility Accreditation Number: TEST-5 0061

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

Effective Date (Issue No: 1): 31 March 2021
Certificate Expires: 30 March 2026

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0061 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Tobacco Research Board Kutsaga Research Station Airport Ring Road Harare Zimbabwe</p> <p><u>Postal Address</u> P O Box 1909 Harare Zimbabwe</p> <p><u>Tel</u> : +263 868 800 2604 <u>Cell</u> : +263 77 379 9948 <u>Email</u> : cmureya@kutsaga.co.zw</p>		<p><u>Technical Signatories</u> : Mrs C C Musuna-Garwe (ACS R 001 & ACS F 002) Mr C Mureya (ACS R 001) Ms B Majere (ACS R 001) Mr D Shumbamuto (All Water Methods) Mr C Mutsondiwa (All Water Methods) Mr B Mafurati (All Water Methods) Mr M Mutanhaurwa (All Water Methods & ACS F003) Mr C Chayambuka (ACS F 003) Ms R Mwaenga (ACS F 002)</p> <p><u>Nominated Representative</u> : Mr C Mureya</p> <p><u>Issue No</u> : 01 <u>Date of Issue</u> : 31 March 2021 <u>Expiry Date</u> : 30 March 2026</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Tobacco	<p>Total Alkaloids as Nicotine</p> <p>Total Nitrogen</p> <p><u>Organochlorines</u></p> <ul style="list-style-type: none"> - Aldrin - A-HCH - Alpha Endosulfan - DDE (op + pp) - DDT (op + pp) - Dieldrin - Endrin - G-HCH - HCB - Heptachlor - Heptachlor exo-epoxide - TDE (op + pp) 	<p>ACS F002 - UV/ Vis Spectrometry</p> <p>ACS F003 – Kjeldhal Apparatus</p> <p>ACS R001 – Gas Chromatography</p>

ANNEXURE A

Laboratory Accreditation No: TEST-5 0061 (ISO/IEC 17025:2017)

Issue No: 01

Date of Issue: 31 March 2021

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MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Water	Phosphate Nitrate Chloride Ca, Mg, Na and K Cu, Fe, Mn and Zn	ACS W001 - UV/ Vis Spectrometry ACS W004 - UV/ Vis Spectrometry ACS W005 – Titration ACS W008 – AAS ACS W009 – AAS

Original date of accreditation: 31 March 2021

Page 2 of 2

Pinkie J Malebe
SADCAS Technical Manager