

CERTIFICATE OF ACCREDITATION

MALAWI BUREAU OF STANDARDS (TESTING)

Malawi Bureau of Standards Act No: 14 of 2012

Facility Accreditation Number: TEST-5 0033

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 FOOD AND FUEL TESTING

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*

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Effective Date (Issue No: 3): 15 February 2026
Certificate Expires: 19 October 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS (FOOD)

Laboratory Accreditation Number: **TEST-5 0033 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Malawi Bureau of Standards Ali Hassan Mwinyi Road Blantyre Malawi</p> <p><u>Postal Address</u> P O Box 946 Blantyre Malawi</p> <p><u>Tel</u> : +265 1 870 488 <u>Cell</u> : +265 999 856 592 <u>Fax</u> : +265 1 870 876 <u>Email</u> : stephenkuyeli@mbsmw.org</p>	<p><u>Technical Signatories</u> :</p> <p>Mr E Kamwala (Item 1, 2 & 3) Mr T Mollande (Item 1, 2 & 3) Mr B Kanyenda (Item 1, 2 & 3) Mr D Mwalwayo (Item 1, 2 & 3) Mr H Mhango (Item 4, 5, 6 & 7) Mr S Nyirenda (Item 4, 5, 6 & 7) Mr C Banda (Item 4, 5, 6 & 7) Mr M Luhanga (Item 4, 5, 6 & 7) Mr Y Nengongo (Item 8, 9, 13, 14 & 15) Mr L Liyaya (Item 8, 9, 13, 14 & 15) Ms A Ndalama (Item 8, 9, 13, 14 & 15) Mr A Mbolebole (Item 11 & 12) Mr S Afuleni (Item 11 & 12) Mr M Mtuta (Item 11 & 12) Mr P Yesaya (Item 11 & 12) Mr M Sululu (Item 11 & 12)</p> <p><u>Nominated Representative</u> : Mr S M Kuyeli</p> <p><u>Issue No</u> : 05 <u>Date of Issue</u> : 15 February 2026 <u>Expiry Date</u> : 19 October 2028</p>
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MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Food Products (Cereal, Pulses and Related Products)	1. Determination of Total Aflatoxins (2 – 150 ppb)	LAB/WI/MYCO/01 - Reveal Q ⁺ with Lateral flow immune immunochromatographic technique
Food Products (Tree nuts and related products and Cereal, Pulses and Related Products)	2. Determination of Mycotoxins: - Total aflatoxins - Aflatoxin B1 - Fumonisin B1 - Deoxynivalenol (DON) - Zearalane (Zea) - Ochratoxins (OTA)	LAB/WI/MYCO/02 by LC and LCMS
Food Products (Juices)	3. Determination of Mycotoxins: Patulin	LAB/WI/MYCO/02by HPLC

ANNEXURE A

Laboratory Accreditation No: TEST-5 0033 (ISO/IEC 17025:2017)

Issue No: 05

Date of Issue: 15 February 2026

Date of Expiry: 19 October 2028 MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Food Products (Macadamia, other Nuts and Honey) and Other Related Products	4. Determination of Pesticide Residues	LAB/WI/PEST/07 by LC-MS-MS and GC-MS/MS
Food Products (Coffee and Tea) And other Related Products	5. Determination of Pesticide Residues	LAB/WI/PEST/09 by LC-MS-MS and GC-MS/MS
Honey and Other Related Products in the same Matrix	6. Veterinary Drug Residues	LAB/WI/PEST/10 by LC-MS-MS
Food Products (Dried Mango)	7. Determination of Pesticide Residues	LAB/WI/PEST/14 by LC-MS-MS
Macadamia Nuts, Ground Nuts, Peanut Butter and their related Products Including Edible Oil	8. Determination of Peroxide Value (PV)	LAB/WI/FC/02 by auto titration
	9. Determination of Free Fatty Acids (FFA)	LAB/WI/FC/03 by auto titration
Tea, Coffee and Macadamia	10. Moisture	LAB/WI/FC/01 by Dry Oven
Food products (Honey, Tea and Macadamia)	11. Determination of Heavy metals: Pb, Cd, As, Hg, Cr, Co, Cu, Zn, Ni, Mg, Ca, Fe, Mn, K and Na	LAB/WI/FC 01 by ICP-OES
Water	12. Determination of Heavy metals: Pb, Cd, As, Hg, Cr, Co, Cu, Zn, Ni, Mg, Ca, Fe, Mn, K and Na	LAB/WI/GC 01 by ICP-OES
Food Products (Groundnuts, Peanuts and Macadamia)	13. Determination of Peroxide Value	LAB/WI/PROX 02 by Autotitrator
	14. Determination of Fatty Acids	LAB/WI/PROX 03 by Autotitrator
Food products (Tea, Coffee and Macadamia)	15. Determination of Moisture Content	LAB/WI/PROX 01 by Oven Drying

Original date of accreditation: 03 October 2018

Page 2 of 2

Pinkie J Malebe
SADCAS Technical Manager

ANNEXURE A
SCHEDULE OF ACCREDITATION
CHEMICAL ANALYSIS (FUEL)

Laboratory Accreditation Number: TEST-5 0033 (ISO/IEC 17025:2017)

<p><u>Permanent Address of Laboratory</u> Malawi Bureau of Standards Ali Hassan Mwinyi Road Blantyre Malawi</p> <p><u>Postal Address</u> P O Box 946 Blantyre Malawi</p> <p><u>Tel</u> : +265 1 870 488 <u>Cell</u> : +265 999 856 592 <u>Fax</u> : +265 1 870 876 <u>Email</u> : stephenkuyeli@mbsmw.org</p>		<p><u>Technical Signatories</u> : Mr A Katsonga (All methods) Ms G Samu (All methods) Mr H Chilowa (All methods) Mr H Mhango (All methods) Mr L Kalepa (All methods) Mr W Kachilonda (All methods)</p> <p><u>Nominated Representative</u> : Mr S M Kuyeli</p> <p><u>Issue No</u> : 05 <u>Date of Issue</u> : 15 February 2026 <u>Expiry Date</u> : 19 October 2028</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Diesel and Petrol	Distillation Characteristics Kinetic Viscosity Density Flashpoint Distillation Characteristics	ASTM D86 ASTM D445 ASTM D4052 ASTM D93 ASTM D86

Original date of accreditation: 03 October 2018

Page 1 of 1

Pinkie J Malebe
SADCAS Technical Manager