

CERTIFICATE OF ACCREDITATION

In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

NATIONAL METROLOGY INSTITUTE OF SOUTH AFRICA ORGANIC ANALYSIS SECTION

Accreditation Number: **RMP001**

is a South African National Accreditation System accredited Reference
Material Producer provided that all SANAS conditions and requirements are
complied with

This certificate is valid as per the scope as stated in the accompanying scope of accreditation
Annexure "A", bearing the above accreditation number for

PRODUCER OF REFERENCE MATERIALS

The facility is accredited in accordance with the recognised International Standard

ISO 17034:2016

The accreditation demonstrates technical competency for a defined scope and the operation of a
quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the
relevant SANAS accreditation symbol to issue facility reports and/or certificates

Mr T Baleni
Acting Chief Executive Officer

Effective Date: 08 September 2021
Certificate Expires: 16 July 2024

ANNEXURE A

SCOPE OF ACCREDITATION

Accreditation Number: RMP001

Permanent Address of Laboratory: National Metrology Institute of SA Organic Analysis Section Producer of Certified Reference Material Building 6, CSIR Campus Meiring Naude Road Brummeria 0001		Technical Signatories: Mr D Marajh (Item 2.1); Mr P Mokgatho (Item 2.1); Ms P Seemane (Item 2.1.1) Ms G Mphaphuli (Item 2.1.1) Ms D Prevoo-Franzsen (Item 1; 2.1.2; 2.2; 2.3) Dr M Fernandes-Whaley (Item 1; 2.1.1; 2.2; 2.3) Dr L Quinn (Item 1; 2.1.2; 2.2; 2.3)		
Postal Address: Private Bag X34 Lynnwood Ridge Pretoria 0040 Tel: (012) 841-2633 Fax: (012) 841-2131 E-mail: Intatamala@nmisa.org mfwwhaley@nmisa.org		Nominated Representative: Ms LN Ntatamala Issue No.: 13 Date of Issue: 08 September 2021 Expiry Date: 16 July 2024		
ITEM	PROPERTY(IES) TO BE CHARACTERISED	DETAIL of PROPERTY CHARACTERIZED	RANGE of PROPERTY CHARACTERIZED	METHOD USED TO ASSIGN PROPERTY VALUE
1	REFERENCE MATERIAL			
1.1	FOOD AND FOOD PRODUCTS			
1.1.1	Organic compounds – Mycotoxins	Total Aflatoxins in Peanut slurry	0.5 to 10 µg/kg	Analysis in a network of competent laboratories
1.1.2	Organic compounds – Mycotoxins	Total Aflatoxins Ochratoxin-Am, Fumonisin B1, B2, B3 Total fumonisin Deoxynivalenol Zearalenone in Maize	1 to 6 000 µg/kg	Analysis in a network of competent laboratories
2	CERTIFIED REFERENCE MATERIAL			
2.1	FORENSIC SCIENCE STANDARD			
2.1.1	Chemical elements	Ethanol (C ₂ H ₅ OH) in an Aqueous Solution	10 to 20 000 g/100g	property value assigned by both a Single lab using a single method, and by combination of components
2.1.2	Chemical elements	Sodium Fluoride (Naf) in an Aqueous Solution	0,3 g to 3,0 g/ 100 ml	
2.2	SOLVENTS			
2.2.1	Organic compounds - Mycotoxins	Aflatoxin B1 in organic solution	25 µg/g	Property value assigned by mass or volume of ingredients used in the preparation (combination of components)
2.2.2		Aflatoxin B2 in organic solution	25 µg/g	
2.2.3		Aflatoxin G1 in organic solution	25 µg/g	
2.2.4		Aflatoxin G2 in organic solution	25 µg/g	
2.2.5		Zearalenone in organic solution	100 µg/g	

Original Date of Accreditation: 28 November 2007

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Accreditation Manager

ANNEXURE A

Accreditation No.: RMP001
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ITEM	PROPERTY(IES) TO BE CHARACTERISED	DETAIL of PROPERTY CHARACTERIZED	RANGE of PROPERTY CHARACTERIZED	METHOD USED TO ASSIGN PROPERTY VALUE
2.3	FOOD AND FOOD PRODUCTS			
2.3.1	Organic compounds - Mycotoxins	Aflatoxins B1, B2, G1, G2 In Peanut Slurry	0.5 to 10 µg/kg	Property value assigned by both 1) Single lab using a single method, and 2) By combinations of components
2.3.2		Aflatoxins B1, B2, G1, G2 In Maize	1 to 30 µg/kg	

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The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor $k = 2$, corresponding to a confidence level of approximately 95%

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager