

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:-

KL ANALYTICAL SERVICES CC

Co. Reg. No.: 2000/070818/23

Facility Accreditation Number: **T0467**

is a South African National Accreditation System accredited facility provided that all conditions and requirements are complied with

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

CHEMICAL AND MICROBIOLOGICAL ANALYSIS

The facility is accredited in accordance with the recognised International Standard

ISO/IEC 17025:2017

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 accreditation symbol to issue facility reports and/or certificates

Mr F Osman
Acting Chief Executive Officer

Effective Date: 22 March 2026
Certificate Expires: 21 March 2031

ANNEXURE A

SCHEDULE OF ACCREDITATION

Facility Number: **T0467**

Permanent Address of Laboratory:

KL Analytical Services CC
T/A Labserve
14 Suikerriet Street
Nelspruit
Unit 8 & 9 Nebo Park
Nelspruit, 1201

Technical Signatories:

Ms T Nel: Nelspruit ICP-OES Techniques [LAB-001, LAB-101, LAB-201], LAB-002, LAB-003 & LAB-004, Discrete Analyser Technique Stellenbosch and Tzaneen [LAB-002]

Mr W Immelman: Nelspruit ICP-OES Techniques [LAB-001, LAB-101, LAB-201], GC-MS and LC-MS/MS and GC/MS/MS Techniques, LAB-002, LAB-003, LAB-004, Discrete Analyser Technique Stellenbosch and Tzaneen [LAB-002]

Ms Y Fourie: Nelspruit ICP-OES Technique [LAB-001], LAB-002, LAB-003, LAB-004, Discrete Analyser Technique Stellenbosch and Tzaneen [LAB-002]

Ms C Stoltz : Nelspruit [GC-MS, LC-MS/MS and GC/MS/MS Technique, Discrete Analyser Technique]

Postal Address:

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Nominated Representative:

Ms Y Fourie

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Material or Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
NELSPRUIT LABORATORY MICROBIOLOGY		
Water (Drinking , Surface, Ground, Treated & Untreated Waste)	<i>Escherichia coli</i> and Total Coliform	LAB-002 (Based on Standard Method 9223 B)
	Faecal Coliform	LAB-002 (Based on Standard Method 9223 B)
CHEMICAL		
Water (Drinking , Surface, Ground, Treated & Untreated Waste)	Determination of pH & Electrical Conductivity on discrete analyser	LAB-003

Calculations:
Total Dissolved Solids

	Determination of Chloride, Fluoride, Nitrate, Nitrite, Ammonium and Alkalinity on discrete analyser	LAB-004
	Calculations: Nitrite as NO ₂ , Nitrate as NO ₃ Ammonium as NH ₄	
Water (Drinking, Surface, Ground, Treated & Untreated waste)	Calculations : Calcium Hardness as CaCO ₃ , Magnesium Hardness as CaCO ₃ and Total Hardness as CaCO ₃ , Dissolved Sulphur as SO ₄ , Sodium Adsorption Ratio (SAR)	LAB-001 (Based on SANS 11885)
Leaf	Determination of P,K, Ca & Mg	LAB-101
Soil	Determination of P, K, Ca & Mg	LAB-201
Refer to Flexible scope register SF114 for more details on materials/products and methods	FLEXIBLE SCOPE	
Residues of pesticides, Mycotoxins, Organic contaminants in Agricultural materials, processed food products, water and other foodstuffs	GC/MS and LC/MSMS and GC/MS/MS Techniques	In-house Methods and Published Methods of International Standing
Inorganic elements in water, soil, leaf and other matrices	ICP -OES Technique	In-house Methods and Published Methods of International Standing
Residues of pesticide, chemical preservative, fungicides, and related contaminants in food, beverage, agricultural produce, plant-derived materials, water, and other matrices encountered in the food production continuum	Discrete Analyser Techniques	In-house Methods and Published Methods of International Standing
Pharmaceutical and Residue Testing Residues of antibiotics antimicrobials, and related chemical compounds in pharmaceuticals, food, feed, plant material, biological matrices, and associated matrices	Discrete Analyser Techniques	In-house Methods and Published Methods of International Standing

**STELLENBOSCH LABORATORY,
Lelie Street
North Campus, Idas Valley
Stellenbosch 7600**

MICROBIOLOGY

Water (Drinking , Surface, Ground, *Escherichia coli* and Total Coliform Treated & Untreated Waste Water) LAB-002- (Based on Standard Method 9223 B)

TZANEEN LABORATORY

**3 Hamawasha Station Road,
Tzaneen 0850**

MICROBIOLOGY

Water (Drinking, Surface, Ground, *Escherichia coli* and Total Coliform Treated & Untreated Waste Water) LAB-002- (Based on Standard Method 9223 B)

Original Date of Accreditation: 22 March 2011

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager