



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:-

NVIROTEK LABORATORIES (PTY) LTD

Co. Reg. No.: 2007/029712/07

Facility Accreditation Number: T0822

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 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 M Phaloane
Acting Chief Executive Officer

Effective Date: 25 September 2023
Certificate Expires: 24 September 2028



ANNEXURE A

SCHEDULE OF ACCREDITATION

Facility Number: **T0822****Permanent Address of Facility:**

NviroTek Laboratories (Pty) Ltd
Nviro Business Hub, Unit 6
Ou Wapad Street
Ifafi
Hartbeespoort
0260

Technical Signatories:

Mr W Koekemoer (WIN 014, 042, 057, 058, 081, 183 & 188)
Mrs C Kruger (WIN 014, 042, 057, 058 only)
Mrs G Johnson (WIN 057, 058 & 183 only)
Mrs E Keyser (WIN 014, 042, 057, 058 only)
Mrs SC Mnyosi (WIN 029, 030, 103, 105, 127 & 155 only)
Mr R Pretorius (WIN 014, 042, 057, 058, , 081 & 188 only)
Mr D Grobler (WIN 183 only)
Mrs B Nel (WIN 029, 030, 103, 105, 127 & 155 only)
Mr L Ntepe (WIN 183 only)
Mr V Wilsnach (WIN 014, 057, 058, 081, 183 & 188 only)
Mrs L Berrange-du Plessis (WIN 014, 042, 057, 058 & 188 only)
Mr P Lourens (WIN 014, 081, 042, 057, 058, 183 & 188 only)

Postal Address:

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Tel: (012) 252 7588**Fax:****E-mail:** magda.g@nvirotek.co.za**Nominated Representative:**

Mrs SMM Gerber

Issue No.: 15**Date of Issue:** 07 August 2026**Expiry Date:** 24 September 2028

Material or Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
CHEMICAL		
Water (Prepared leachate, trade effluent, drinking water, ground water, surface water and land leachate)	Determination of pH	WIN 014
Various foodstuff (Fruits, Vegetables, Fruit juice concentrate and Fruit juice, Cereals, Dry Pulses, Oily seeds, Nuts incl. Honey, Dried Fruits)	Analysis of Residue pesticide by LC-MS/MS & GC-MS/MS	WIN 029 & 030
	Analysis of Residue Polar Pesticides by LC-MS/MS (Ethephon, Phosphonic Acid, Fosetyl Al & Glyphosate)	WIN 105

	Analysis of Dithiocarbamates Pesticides (Mancozeb, Thiram, Metiram, Ferbam, Propineb, Zineb & Maneb) by GC-MS/MS	WIN 103
Edible Crop and Animal Feeds	Analysis of Mycotoxins by LC-MS/MS	WIN 127
Water (Tap, Drinking, Borehole, Surface, Effluent, Hydroponic, Leachate) (Growth Media, Organic Material, Soil, Fertiliser lime and Plant Material)	Extracts from preparation methods are analyzed by ICP-OES Determination of Multi-Elements (Ca, Mg, K, Na, P, S, Fe, Mn, Cu, Zn, Mo, B, Al, Co, Cr, Ni, Si only on Water and Leachate) by ICP-OES	WIN 058
	<u>Water Calculations:</u> Ca Hardness Mg Hardness Total Hardness Sodium Absorption Ratio (SAR)	
Water (Potable, Borehole, Raw and Effluent)	Analysis of Trihalomethanes in Drinking Water and Other Water Matrices by GC-MS/MS, Bromoform, Chloroform, Bromodichloromethane and Dibromochloromethane	WIN 155
Soil	Total Carbon in soil Combustion method	WIN 183
	Determination of Organic Carbon (Walkely-Black)	WIN 081
Water, Leachates, Organic Material, Fertilizers and Lime	Determination of Heavy Metals by ICP-OES. Fertiliser and Lime: As, Cd, Co, Cr, Cu, Hg, Ni, Pb, Se, Zn, Water and Leachates: Cd, Co, Cr, Ni, V, Pb, Sb, Se, As, Hg, U Organic Material: As, Cd, Co, Cr, Hg, Ni, Pb, Se)	WIN 057
ENVIRONMENTAL		
Dust Fall	Dust deposition (Soluble & Insoluble)	WIN 188 (Based on ASTM D1739)
MICROBIOLOGY		
Potable, Borehole, effluent, Irrigation	Determination of Total Coliform, <i>Escherichia coli</i> and Heterotrophic plate count in water	WIN 042

Original Date of Accreditation: 25 September 2018

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM


Accreditation Manager