



## 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:-*

**BIOTOXLAB (PTY) LTD**

**Co. Reg. No.: 2012/106020/07**

Facility Accreditation Number: **T0663**

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 HYDROBIOLOGICAL 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

**Ms FS Radebe**  
**Interim Acting Chief Executive Officer**

**Effective Date: 27 July 2021**  
**Certificate Expires: 26 July 2026**



ANNEXURE A  
SCHEDULE OF ACCREDITATION

Facility Number: **T0663**

**Permanent Address of Laboratory:**

BioToxLab (Pty) Ltd  
78 Pony Street  
Tijgervallei Office Park  
Block 5, Unit 2  
Silverlakes

**Technical Signatories:**

Ms P Manyenga (All Methods)  
Ms L Mothupi (Hydrobiology only)

**Postal Address:**

PO Box 11216  
Silverlakes  
0054

**Nominated Representative:**

Mrs L Swart

**Tel:** (012) 753-2192

**Issue No.:** 11

**Fax:** 086 535 7368

**Date of Issue:** 27 June 2022

**E-mail:** lizet@biotoxsa.co.za

**Expiry Date:** 26 July 2026

Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
<b>HYDROBIOLOGY</b>		
Water (Surface water, Ground water, Effluent, Leachates)	<i>Daphnia magna</i> , (macro-invertebrate) acute toxicity test using Daphtoxkit F™	Method QM7.2/TMH-3 (Based on ISO 6341)
	<i>Atuvibron fischeri</i> bioluminescent bacteria test using the ABOATOX Biotox™	Method QM7.2/TMH-01 (Based on ISO 11348-3)
	<i>Selenastrum capricornutum</i> (micro-algae) growth inhibition test using ALGALTOXKIT™	Method QM7.2/TMH-02 (Based on ISO 8692)
	<i>Poecilia reticulata</i> (vertebrate) acute toxicity test	Method QM7.2/TMH-04 (Based on ISO 7346-1)
	<i>Spirodela polyrhiza</i> (duckweed) growth inhibition toxicity test	Based on Standard method ISO 20227 (QM7.2/TMH-15)
Soil and sediment	<i>Heterocypris incongruens</i> -chronic direct contact toxicity test using OSTRACODTOXKIT F™	Method QM7.2/TMH-10 (Based on ISO 14371)
	Phytotox seed germination and early plant growth microbiotest with higher plants using PHYTOTOXKIT	Method QM7.2/TMH-11 (Based on ISO 18763)

**CHEMICAL**

Water Surface, Ground, Effluent, Determination of pH @ 25°  
Leachates, Drinking )

Method QM7.2/TMC-05 (Based  
on Standard method 4500-H+B  
ASTM D1293-95, USEPA Method  
150.1 and ASTM D1293-84 (A or B)

Determination of Electrical  
Conductivity @ 25°

Method QM7.2/TMC-06 (Based  
on Standard method APHA  
Method 2510)

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Original Date of Accreditation: 27 July 2016

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



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Accreditation Manager