

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:-

YANKA LABORATORIES (PTY) LTD

Co. Reg. No.: 2012/113891/07

Facility Accreditation Number: **T0647**

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 R Josias
Chief Executive Officer

Effective Date: 29 January 2020
Certificate Expires: 28 January 2025

ANNEXURE A
SCHEDULE OF ACCREDITATION

Facility Number: **T0647**

Permanent Address of Laboratory:

Yanka Laboratories (Pty) Ltd
 40 Minerva Avenue
 Reyno Ridge
 Witbank

Technical Signatories:

Ms R Botha (All Methods)
 Ms E Lindeque (All Methods)
 Mr H Mouton (All Methods)
 Ms M Jansen van Rensburg (All Microbiology Methods)

Postal Address:

P O Box 11396
 Aerorand
 Middelburg, 1055

Nominated Representative:

Mr H Mouton

Tel: (013) 692-8448/(087) 317-3140

Issue No.: 03

Fax: (086) 551-1071

Date of Issue: 29 January 2020

E-mail: yanka@yanka.co.za

Expiry Date: 28 January 2025

Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
CHEMICAL		
Ground water, Surface water, Drinking water, Land leachate, Treated sewage, Trade effluent, Process water, Recreational water, Healthcare water, Prepared leachate, Untreated sewage and Saline water	Spectrometry:	YE070AK
	Fluoride	
	Nitrate	
	Nitrite	
	Phosphate - Ortho	
	Phenol	
	Sulphate	
	Ammonia	
	Chloride	
	Chromium (VI)	
	Colour	
	ICP Spectrometry:	YE060ICP
	Calcium	
	Chromium - Total	
Cobalt		

Ground water, Surface water,
 Drinking water, Land leachate,
 Treated sewage, Trade effluent,
 Process water, Recreational
 water, Healthcare water,
 Prepared leachate, Untreated
 sewage and Saline water

Copper

Iron

Lead

Magnesium

Manganese

Molybdenum

Nickel

Potassium

Tin

Silicon

Sodium

Strontium

Uranium

Thallium

Titanium

Vanadium

Zinc

Antimony

Aluminium

Arsenic

Barium

Boron

Cadmium

Thorium

Titrimetric (Indicator/pH): Alkalinity YE010Alk

Titrimetric (indicator/pH): Acidity YE011Ac

Conductimetric: Conductivity YE020Con

pH: Electrometric YE030pH

Solids - Suspended: Gravimetric
 (103 - 105°C) YE081TSS

Chemical Oxygen Demand: Closed
 Reflux, Colorimetric YE052COD

Oxygen absorbed: Permanganate
 Oxidation YE050OA

Turbidity YE082TB

Hardness YE061H

Total and Dissolved Organic Carbon YE090TOC

MICROBIOLOGY

Ground water, Surface water, Drinking water, Land leachate, Treated sewage, Trade effluent, Process water, Recreational water, Healthcare water, Prepared leachate, Untreated sewage and Saline water	Standard Plate Count	YE100SPC
	Total Coliforms	YE101TC
	Faecal Coliforms	YE102FC
	<i>Escherichia coli</i>	YE104EC

Original Date of Accreditation: 29 January 2015

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager