

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			
Water	Spectrometry:	YE070AK	
	Fluoride		
	Nitrate		
	Nitrite		
	Phosphate - Ortho		
	Phenol		
	Sulphate		
	Ammonia		
	Chloride		
	Chromium (VI)		
	Colour		
	ICP Spectrometry:		YE060ICP
	Calcium		
	Chromium - Total		
Cobalt			
Copper			
Iron			
Lead			

Water

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

Water	Standard Plate Count	YE100SPC
	Total Coliforms	YE101TC
	Faecal Coliforms	YE102FC
	<i>Escherichia coli</i>	YE102EC

Original Date of Accreditation: 29 January 2015

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager