

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

Yanka Laboratories (Pty) Ltd

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 F Osman:
Acting Chief Executive Officer

Effective Date:
Certificate Expires: 28 January 2030

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 Janse van Rensburg (All Methods)
 Ms K le Grange (All Methods)
 Ms R Rossouw (All Methods)

Postal Address:

P O Box 11396
 Aerorand
 Middelburg, 1055

Nominated Representative:

Mr H Mouton

Tel: (087) 701-9265|6/ (013) 692-8448

Issue No.: 05

Fax: (086) 551-1071

Date of Issue: 29 January 2025

E-mail: yanka@yanka.co.za

Expiry Date: 28 January 2030

Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
CHEMICAL		
Clean water (drinking or better quality) and Dirty water (high TDS or microbe count waters).	Spectrometry:	YE070AK
	Fluoride	
	Nitrate	
	Nitrite	
	Phosphate - Ortho	
	Phenol	
	Sulphate	
	Ammonia	
	Chloride	
	Chromium (VI)	
	Colour	
	ICP Spectrometry:	YE060ICP
	Calcium	
	Chromium - Total	
Cobalt		
Copper		

Clean water (drinking or better quality) and Dirty water (high TDS or microbe count waters).

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

Clean water (drinking or better quality) and Dirty water (high TDS or microbe count waters).	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