



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:-

SETPOINT LABORATORIES

Co. Reg. No.: 1989/000201/07

A DIVISION OF SYNERLYTIC ANALYTICAL SERVICES

Facility Accreditation Number: **T0223**

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 T Baleni

Acting Chief Executive Officer

Effective Date: 16 September 2021

Certificate Expires: 31 July 2023



ANNEXURE A
SCHEDULE OF ACCREDITATION

Facility Number: **T0223**

Permanent Address of Laboratory:

Setpoint Laboratories (Pty) Ltd
a division of Synerlytical Analytical Services
52 Electron Avenue
Isando
1600

Technical Signatories:

Mrs T Horsfield (M474, M874, M876, M866, M875, M869, M868, M867, M864, M865, M863, M862, M873, M860, M861, M872, M871)
Mr M Lelaka (M460, M461, M463, M464, M465, M466, M467, M468, M469, M471, M475, M472, M473, M474, M462, M476)
Ms L Hotane (M474)

Postal Address:

PO Box 856
Isando
1600

Nominated Representative:

Ms L Hotane

Tel: (011) 923-7100

Fax:

E-mail: Lorato@setpoint.co.za

Issue No.: 26

Date of Issue: 16 September 2021

Expiry Date: 31 July 2023

Material or Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
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CHEMICAL

Isando Laboratory:

Potable water and waste water	Electrometric determination of pH value at 25°C	M460
	Electrometric determination of Conductivity at 25°C	M461
	Determination of COD by closed reflux/colourimetric finish	M462
	Determination of Alkalinity by titration	M463
	Determination of Ammonia Nitrogen by Automated Photometry (Aquakem)	M464
	Determination of Nitrate Nitrogen by calculation from M466 and M467	M465
	Determination of Nitrite Nitrogen by Automated Photometry (Aquakem)	M466
	Determination of Nitrate and Nitrite Nitrogen by Automated Photometry (Aquakem)	M467
	Determination of Ortho Phosphate Phosphorus by Automated Photometry (Aquakem)	M468

Determination of Chloride by Automated Photometry (Aquakem)	M469
Determination of Hexavalent Chromium by Automated Photometry (Aquakem)	M471
Determination of total suspended solids by Gravimetry	M472
Determination of total dissolved solid by Gravimetry	M473
Determination of Fluoride by Automated Photometry (Aquakem)	M475
Determination of Sulphate by Automated Photometry (Aquakem)	M476
Determination of dissolved metals by ICP-OES (Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Si, Sr, V, Zn)	M474
Determination of dissolved metals by ICP-MS (Ag, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, Se, Sn, Sr, U, V, Th, Tl)	M474

Cape Town :Unit G9 Centurion Business Park, 13 Bosmansdam road Milnerton

Potable water and waste water

Determination of Sulphate by Automated Photometry (Gallery)	M876
Determination of Fluoride by Automated Photometry (Gallery)	M875
Determination of Chloride by Automated Photometry (Gallery)	M869
Determination of Ortho Phosphate Phosphorus by Automated Photometry (Gallery)	M868
Determination of Nitrate and Nitrite Nitrogen by Automated Photometry (Gallery)	M867
Determination of Ammonia Nitrogen by Automated Photometry (Gallery)	M864
Determination of Nitrite Nitrogen by Automated Photometry (Gallery)	M866
Determination of Nitrate Nitrogen by Calculation from M866 and M867	M865
Determination of Alkalinity by Titration	M863
Determination of COD by closed reflux/colourimetric finish	M862

Determination of dissolved metals by ICP-OES (Al, As, Ba, Be, B, K, Ca, V, Cd, Co, Cr, Cu, Fe, Mn, Mg, Mo, Na, Ni, Pb, Si, Sr & Zn)	M874
Electrometric determination of Conductivity at 25°C	M861
Electrometric determination of pH value at 25°C	M860
Determination of total dissolved solid by Gravimetry	M873
Determination of Total suspended solids by Gravimetry	M872

Original Date of Accreditation: 01 August 2003

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



Accreditation Manager