



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:-

SCROOBY'S LABORATORY SERVICE CC

Co. Reg. No.: 1999/047204/23

Facility Accreditation Number: **T0448**

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 AND MECHANICAL TESTING

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

A handwritten signature in black ink, appearing to read 'M Phaloane', is written over a horizontal line.

Mr M Phaloane
Acting Chief Executive Officer

Effective Date: 31 January 2021
Certificate Expires: 30 January 2026



ANNEXURE A
SCHEDULE OF ACCREDITATION

Facility Number: **T0448**

Permanent Address of Laboratory:

Scrooby's Laboratory Service CC
 21 O' Reilly Merry Street
 Rynfield
 Benoni
 1501

Technical Signatories:

Mr AJ Scrooby (All Methods)
 Mr JV Scrooby (All Methods excl. Self-Heating SLS-SHT)

Postal Address:

P O Box 13401
 Northmead
 1511

Nominated Representative:

Ms NK Scrooby

Tel: (011) 425-1074

Issue No.: 06

Fax:

Date of Issue: 21 July 2021

E-mail: Scrooby@scroobyslab.co.za

Expiry Date: 30 January 2026

Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
CHEMICAL		
Ferrous and Non-Ferrous Metals	Spectrographic analysis by OES	SLS SPC (Based on ASTM E415)
Fe Based Alloy Elements Low Alloy Cast Iron Stainless Steel Highspeed/Tool Steel Manganese Steel Chrome Hardcast Nickel	C, Mn, S, P, Si, Cr, Mo, Ni, W, Mg, Ca, Fe, Zr, Cu, Al, V, Nb, B, Ti, Pb, Sn, Co	
Zn Based Alloy Elements Pure Zinc Primary Zinc Remelt Zinc Zn/Al 2% Zamak 2.3.5 Zn/Al Alloy 4%-15% Zn/Al Alloy >15%	Cu, Al, Fe, Mg, Pb, Cd, Sn, Mn, Ni, Zn	
Al Based Alloy Elements Al/Pure Low Alloys Al/Si/Mg Alloy Al/Cu Alloy Al/Mg Alloy Al/Zn Alloy	Si, Fe, Cu, Mn, Mg, Cr, Ni, Zn, Ti, Sn, Pb, Sr, Al	

Cu Based Alloy Elements

Pure Copper
Cu/Zn Alloy
Cu/Zn/Ni Alloy
Cu/Ni Alloy
Gunmetal
Cu/Sn/Pb Alloy
Cu/Al Alloy
Cu/Be/Co/Ag Alloy

Cu, Sn, Zn, Pb, Ni, Fe, Al, Mn, Si, S P SLS SPC (Based on ASTM E415)
Sb As Mg Be Bi

MECHANICAL TESTING

Metal, Casting, Wires, Plastic

Tensile Testing
0.2% Proof Stress
Upper Yield
Reduction of area
Elongation
Ultimate tensile strength

SLS TEN (Based on SANS/ISO 6892 - 1:2010, ASTM E8M)

CORROSION TESTING

Brass

Dezincification of Brass

SLS DZR (Based on SANS 6509:1981, ISO 6509:1981)

PHYSICAL TESTING

Charcoal / Briquette Self Heating

Self-Heating of Charcoal and Briquettes

U.N. Recommendations on the Transport of Dangerous Goods – Manual of Tests and Criteria (2009) Section 33.3.1.3.3

Original Date of Accreditation: 31 January 2011

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



Accreditation Manager