

# **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:-*

**SMT LABS (PTY) LTD**

**Co. Reg. No.: 2013/149566/07**

Facility Accreditation Number: **T0678**

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

## **MICROBIOLOGICAL ANALYSIS**

The facility is accredited in accordance with the recognised International Standard

**ISO/IEC 17025:2005**

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

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**Mr R Josias**  
**Chief Executive Officer**

**Effective Date: 24 July 2015**  
**Certificate Expires: 23 July 2020**

ANNEXURE A  
**SCHEDULE OF ACCREDITATION**

Facility Number: **T0678**

**Permanent Address of Laboratory:**

SMT Labs (Pty) Ltd  
 4 Anjou Street  
 Bayswater  
 Bloemfontein  
 9301  
 9301

**Technical Signatories:**

Ms SM Theisinger (All Branches - All Methods)  
 Mr R Schoeman (Bloemfontein - All Methods)  
 Dr C Swart (Bloemfontein - All Methods)  
 Ms B Pieterse (Randburg - All Methods)

**Postal Address:**

P O Box 22298  
 Easton Weg  
 Bloemfontein  
 9301

**Nominated Representative:**

Ms SM Theisinger

**Tel:** (073) 169-4343

**Issue No.:** 04

**Fax:** (086) 566-9581

**Date of Issue:** 05 December 2018

**E-mail:** testing@smtlabs.co.za

**Expiry Date:** 23 July 2020

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

**BLOEMFONTEIN LABORATORY**

Air plates, Swabs and Water (Potable & drinking), Food (Egg and egg products, Dairy and dairy product, Meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products)

Enumeration of micro-organisms  
 Total Plate

SMT-TM-01

Swabs, Water (potable & drinking) and Food (Egg and Egg products, Dairy and dairy products, Meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grain & grain products)

Enumeration of coliforms, *Escherichia coli*

SMT-TM-02

Air plates, Swabs and Food (Egg and egg products, Dairy and dairy products, spice, Vegetable and fruits, Grain and grain products)

Enumeration of Yeast and Moulds

SMT-TM-03

Swabs and Food (Egg & egg products, Dairy and dairy products, Meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grain & grain products)

Enumeration of *Staphylococcus aureus*

SMT-TM-04

Swabs, Water (Potable & drinking), Food (Egg and egg products, Meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grain and grain products), Fluff, Bootswabs, Rectum Swabs, Animal Feed, Dust and Shavings	Detection of <i>Salmonella</i> spp.	SMT-TM-05
Swabs, Food (Meat & meat products, Poultry and poultry products, Spice, Egg and egg products, Vegetables and fruits, Dairy and dairy products, Grain and grain products) and Water (potable & drinking)	Detection of <i>Listeria monocytogenes</i>	SMT-TM-06
Swabs	Detection of <i>Listeria</i> spp.	SMT-TM-06
Food (Meat & meat products, Poultry and poultry products, Spice, Egg and egg products, Vegetables and fruits, Dairy and dairy products)	Enumeration of <i>Listeria monocytogenes</i>	SMT-TM-07
Contact Paddles	Enumeration of Micro-organisms (Total Plate Count) using contact plates or contact paddles	SMT-TM-08
Swabs and Food (Egg & egg products, Dairy and dairy products, Spice, Meat and meat products, Poultry and poultry products, Vegetables and fruits, Grain & grain products)	Enumeration of Enterobacteriaceae	SMT-TM-09
Food (Egg and egg products, Meat & Meat products, Spice, Poultry and poultry products, Dairy and dairy products, Vegetables and fruits, Grain and grain products)	Enumeration of <i>Clostridium perfringens</i>	SMT-TM-10
Food (Meat and meat products, Vegetables)	Detection of <i>Escherichia coli</i> 0157	SMT-TM-11
Food (Meat and meat products, Spice, Dairy and dairy products, Egg and egg products, Poultry and poultry products, Grains and grain products, Vegetables and fruits)	Enumeration of mesophilic lactic acid bacteria	SMT-TM-12
Water (potable & drinking)	Enumeration of faecal coliforms	SMT-TM-14

Swabs, Water (potable & drinking), Animal Feed and Food (Egg and Egg products, Dairy and Dairy products, Meat and Meat products, Poultry and Poultry products, Vegetables and Fruits, Grain and Grain products, Juices, Seafood and Seafood products, Sauces, Ready-to-Eat products, Processed Meat)

Enumeration of *Pseudomonas aeruginosa*

SMT-TM-13

Swabs and Food (Dairy and Dairy products, Meat and Meat products, Poultry and Poultry products, Vegetables and Fruits, Spice, Seafood and Seafood products, Ready-to-Eat products, Processed Meat)

Detection of *Campylobacter* spp.

SMT-TM-15

Food (Dairy and Dairy products, Meat and Meat products, Poultry and Poultry products, Vegetables and Fruits, Spice, Seafood and Seafood products, Ready-to-Eat products, Processed Meat)

Enumeration of *Campylobacter* spp.

SMT-TM-16

Chemicals: Oxidizing compounds, Quaternary Ammonium Compounds, Biguanides & similar compounds, Aldehydes, Phenolic & related compounds, Alcohols.

Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics.

**Organisms:** *Pseudomonas aeruginosa*, *Esherichia coli*, *Staphylococcus aureus*, *Enterococci hirae*, *Listeria monocytogenes*, *Salmonella typhii*, *Esherichia coli* O157.

SMT-TM-17

Quantitative non-porous surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics.

**Organisms:** *Pseudomonas aeruginosa*, *Esherichia coli*, *Staphylococcus aureus*, *Enterococci hirae*, *Listeria monocytogenes*, *Salmonella typhii*, *Esherichia coli* O157, *Aspergillus brasiliensis*, *Candida albicans*.

SMT-TM-18

**RANDBURG LABORATORY**

Air plates, swabs and water (Potable & drinking), Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)

Enumeration of Micro-organisms (Total Plate Count)

SMT-TM-01

Swabs and water (Potable & drinking), Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Enumeration of coliforms, <i>Escherichia coli</i>	SMT-TM-02
Air plates, swabs and Food (Egg and egg products, Dairy and dairy products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Enumeration of Yeasts and Moulds	SMT-TM-03
Swabs and Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Enumeration of <i>Staphylococcus aureus</i>	SMT-TM-04
Swabs and water (Potable & drinking), Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Detection of <i>Salmonella</i>	SMT-TM-05
Swabs and water (Potable & drinking), Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Detection of <i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	SMT-TM-06
Swabs, Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Enumeration of <i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	SMT-TM-07
Contact Paddles	Enumeration of Micro-organisms (Total Plate Count) using contact plates or contact paddles	SMT-TM-08
Swabs and Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Enumeration of Enterobacteriaceae	SMT-TM-09

Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products)	Enumeration of <i>Clostridium perfringens</i>	SMT-TM-10
Swabs and Food (Egg and egg products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Detection of E.coli 0157	SMT-TM-11
Food (Egg and egg products, Dairy and dairy products, meat and meat products, Poultry and poultry products, Spice, Vegetables and fruits, Grains and grain products, Juice and nuts)	Enumeration of mesophilic lactic acid bacteria	SMT-TM-12
Swabs, Water (potable & drinking) and Food (Egg and Egg products, Dairy and Dairy products, Meat and Meat products, Poultry and Poultry products, Vegetables and Fruits, Grain and Grain products, Juices, Seafood and Seafood products, Sauces, Ready-to-Eat products, Processed Meat)	Enumeration of <i>Pseudomonas aeruginosa</i>	SMT-TM-13
Water (potable & drinking)	Enumeration of Faecal Coliforms in water	SMT-TM-14
Swabs and Food (Dairy and Dairy products, Meat and Meat products, Poultry and Poultry products, Vegetables and Fruits, Spice, Seafood and Seafood products, Ready-to-Eat products, Processed Meat)	Detection of <i>Campylobacter</i> spp.	SMT-TM-15
Food (Dairy and Dairy products, Meat and Meat products, Poultry and Poultry products, Vegetables and Fruits, Spice, Ready-to-Eat products, Processed Meat, Nuts, Juice)	Enumeration of <i>Campylobacter</i> spp.	SMT-TM-16
Food (Dairy and Dairy products, Meat and Meat products, Poultry and Poultry products, Vegetables and Fruits, Spice, Ready-to-Eat products, Processed Meat, Nuts, Juice)	Enumeration of <i>Bacillus cereus</i>	SMT-TM-19
Water (potable & drinking)	Enumeration of Enterococci	SMT-TM-20

Water (potable & drinking)

Enumeration of *Clostridium*  
*perfringens* & *Clostridium perfringens*  
*spores*

SMT-TM-21

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Original Date of Accreditation: 24 July 2015

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

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**Accreditation Manager**