

ANNEXURE A

SCHEDULE OF ACCREDITATION

Facility Number: **T0847**

Permanent Address of Laboratory:

BioSel Laboratory Solution (Pty) Ltd
Erf 02, Factory 5
First Street
Bodirelo Industrial Park
Mogwase
0314

Technical Signatories:

Mr T Seleko (All Microbiology Methods - Mogwase & Polokwane)
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Material or Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
ERF NUMBER 02, FACTORY 5, FIRST STREET, BODIRELO INDUSTRIAL PARK, MOGWASE		
MICROBIOLOGY		
Water (Potable, Borehole, Waste, Industrial, Effluent, Sewage, Ground)	Determination of Total Viable Count	BLS-MIC 01 - SANS 5221
	Enumeration of Faecal Coliform	BLS-MIC 02 - SANS 5221
	Enumeration of Total Coliform and <i>Escherichia coli</i>	BLS-MIC 03 - SANS 5221
	Enumeration of Total Coliforms using MENDO	BLS-MIC 04 - SANS 5221
	Detection of <i>Pseudomonas</i> spp.	BLS-MIC 13
	Detection of <i>Salmonella</i> spp.	BLS-MIC 14
	Detection of <i>Legionella</i> spp.	BLS-MIC 17
	Horizontal Methods for Environmental swabbing: TVC, <i>S. aureus</i> , <i>Escherichia coli</i> , <i>Enterobacteriaceae</i> , Coliform, Yeast and Mold	BLS-MIC 05 - SANS 18593
Environmental swabbing		

Food and Food Products: Feed stuff, Poultry, Meats Raw material, Ready-to-eat, atchaar, Vegetable oil, Sauces, Flour, Peanuts, Spices, Seafood, Starch Products	Detection of <i>Listeria monocytogenes</i>	BLS-MIC 12
	Detection of <i>Salmonella</i> spp.	BLS-MIC 14
	Enumeration of microorganisms: Colony count (TVC) at 30°C	BLS-MIC 06
	Enumeration of <i>Escherichia coli</i> /coliform	BLS-MIC 07
	Enumeration of <i>Staphylococcus aureus</i>	BLS-MIC 08
	Enumeration of Yeast and Moulds	BLS-MIC 09
	Enumeration of Presumptive <i>Bacillus cereus</i>	BLS-MIC 10
	Enumeration of <i>Clostridium perfringens</i>	BLS-MIC 11
	Detection of <i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	BLS-MIC 12
	Enumeration of <i>Pseudomonas</i> spp.	BLS-MIC 13
	Detection of <i>Salmonella</i> spp.	BLS-MIC 14
	Detection of Enumeration of <i>Campylobacter</i> spp.	BLS-MIC 15

CHEMICAL

Water (Potable, Borehole, Waste, Industrial, Effluent, Sewage, process, environmental and ground water)	Determination of pH at 25°C based on pH meter	BLS-CHE 01
	Determination of Electrical conductivity@ 25°C using potentiometric	BLS-CHE 02
	Determination of Turbidity using Nephelometric	BLS-CHE 03
	Determination of Total Alkalinity using Titration	BLS-CHE 04
	Determination of Chlorine using Nephelometric	BLS-CHE 05
	Determination of TDS using potentiometric	BLS-CHE 06
	Determination of Sulphate using UV/Vis. spectrophotometer	BLS-CHE 07
	Determination of Fluoride using UV/Vis. spectrophotometer	BLS-CHE 08
	Determination of Chloride using Titration	BLS-CHE 09
	Determination of Nitrate	BLS-CHE-10
	Determination of Nitrite using UV/Vis. spectrophotometer	BLS-CHE 11

Determination of Orthophosphate using UV/Vis. spectrophotometer	BLS-CHE 12
Determination of Total hardness using calculation	BLS-CHE 13
Determination of Ammonia using UV/Vis. spectrophotometer	BLS-CHE 14
Determination of Fe; Mn; Cu; Zn; Si; Cr; Cu; Pb; Ca; Mg; Na; K; Al; Cd; Co; B; Ba; Be; Mo; Ni; Pb; Si; Ag; As; Bi; Cs; Ga; In; Li; Rb; Re; Se; Sr; Th; Ti; U and V using ICP-OES Avio 220	BLS-CHE 15

**14 KAYLE-LYN STREET, UNIT 2,
MAGNA VIA INDUSTRIAL PARK,
PLOKWANE**

MICROBIOLOGY

Water (Potable, Borehole, Waste, Industrial, Effluent, Sewage, Ground)	Determination of Total Viable Count	BLS-MIC 01
	Enumeration of Faecal Coliform	BLS-MIC 02
	Enumeration of Total Coliform and <i>Escherichia coli</i>	BLS-MIC 03
	Enumeration of Total Coliforms using MENDO	BLS-MIC 04
	Detection of <i>Pseudomonas</i> spp.	BLS-MIC 13
	Detection of <i>Salmonella</i> spp.	BLS-MIC 14
	Detection of <i>Legionella</i> spp.	BLS-MIC 17
Environmental swabbing	Horizontal Methods for Environmental swabbing: TVC, <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> , <i>Enterobacteriaceae</i> , Coliform, Yeast and Mold	BLS-MIC 05
	Detection of <i>Listeria monocytogenes</i>	BLS-MIC 12
	Detection of <i>Salmonella</i> spp.	BLS-MIC 14
Food and Food Products: Feed stuff, Poultry, Meats Raw material, Ready-to-eat, atchaar, Vegetable oil, Sauces, Flour, Peanuts, Spices, Seafood, Starch Products	Enumeration of microorganisms: Colony count (TVC) at 30°C	BLS-MIC 06
	Enumeration of <i>Escherichia coli</i> /coliform	BLS-MIC 07
	Enumeration of <i>Staphylococcus aureus</i>	BLS-MIC 08
	Enumeration of Yeast and Moulds	BLS-MIC 09
	Enumeration of Presumptive <i>Bacillus cereus</i>	BLS-MIC 10
	Enumeration of <i>Clostridium perfringens</i>	BLS-MIC 11

Detection of <i>Listeria monocytogenes</i> and <i>Listeria</i> spp.	BLS-MIC 12
Enumeration of <i>Pseudomonas</i> spp.	BLS-MIC 13
Detection of <i>Salmonella</i> spp.	BLS-MIC 14
Detection of Enumeration of <i>Campylobacter</i> spp.	BLS-MIC 15

Original Date of Accreditation: 08 November 2018

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



Accreditation Manager