



Valid from 15 July 2015
to 14 July 2018
Issued on 27 August 2015

As an accredited laboratory, this laboratory is entitled to
use the following accreditation symbol.



ISO/ IEC 17025
TL 020-01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 020 – 01

Microbiology Laboratory
MicroChem Laboratories (Pvt) Ltd.
No.112/1A, 1/1, Stanley Thilakerathne Mawatha, Nugegoda

Scope of Accreditation: Performing Microbiology Testing on Product Category of
Water, Food and Agricultural products as per SLS/ISO
test methods.

The laboratory is accredited for the following tests.

Sl No.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (\pm) log ₁₀
01	Water Bottled Drinking Water Municipal Water Well water Potable Water	Aerobic Plate Count at 30 ⁰ C (CFU) /ml	SLS 516 : part I : Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 01	0.04
		Total Coliform Count (MPN)/100ml	SLS 614 : 2013	0 – 1800+	0.10
		E.coli (MPN)/100ml	SLS 614 : 2013	0 – 1800+	0.14
02	Swimming pool Water	Aerobic Plate Count at 30 ⁰ C (CFU) /ml	SLS 516 : part I : Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 01	0.04
		Total Coliform Count (MPN)/100ml	SLS 614 : 2013	0 – 1800+	0.10
		E.coli (MPN)/100ml	SLS 614 : 2013	0 – 1800+	0.14

Sl No.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (\pm) log ₁₀
03	Food and Agricultural Products Tea Raw / Cooked Meat Raw / Cooked Sea Food Raw /Cooked Vegetables Raw / Cooked Cereals & Pulses	Aerobic Plate Count at 30 ⁰ C (CFU) /g or ml	SLS 516 : part I : Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 10	0.04
		Total Coliform Count (MPN)/g or ml	SLS 516 Part 3 Section 1 : 2013 ISO 4831:2006	0 – 1100+	0.24
		E.coli (MPN)/ g or ml	SLS 516 Part 12: 2013 ISO 7251:2005	0 – 1100+	0.18
		Salmonella /25g	SLS 516 : part 5 : 2013 ISO 6579:2002	Presence/Absence & serotype	-
		<i>Staphylococcus aureus</i> /g	SLS 516: Part 6 Section 1 : 2013 ISO 6888-I:1999	Minimum Detection limit = 100	0.13
	Fruit Drinks	Aerobic Plate Count at 30 ⁰ C (CFU) /g or ml	SLS 516 : part I : Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 10	0.04
		Total Coliform Count (MPN)/g or ml	SLS 516 Part 3 Section 1 : 2013 ISO 4831:2006	0 – 1100+	0.24
		E.coli (MPN)/ g or ml	SLS 516 Part 12: 2013 ISO 7251:2005	0 – 1100+	0.18

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment