



Valid from 15 July 2018
To 30 November 2020
Issued on 19 September 2018

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. 25, Epitamulla Road, Kotte.

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 tests given in page 02.

Sl No.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Water Bottled Drinking Water Municipal Water Well water Potable Water	Aerobic Plate Count at 30 ^o C (CFU) /ml	SLS 516: part I: Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 1
		Total Coliform Count (MPN)/100ml	SLS 614:2013	0 – 1800+
		<i>E.coli</i> (MPN)/100ml	SLS 614: 2013	0 – 1800+
02	Swimming Pool Water	Aerobic Plate Count at 30 ^o C (CFU) /ml	SLS 516: part I: Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 01
		Total Coliform Count (MPN)/100ml	SLS 614: 2013	0 – 1800+
		<i>E.coli</i> (MPN)/100ml	SLS 614: 2013	0 – 1800+
03	Water Municipal Water Potable Water Cooling Tower Water Well Water Swimming Pool Water	<i>Legionella</i> (CFU)/1000ml	ISO 11731:2017	Minimum Detection limit = 100
04	Food and Agricultural Products Tea Raw / Cooked Meat Raw / Cooked Sea Food Raw /Cooked Vegetables Raw / Cooked Cereals & Pulses	Aerobic Plate Count at 30 ^o C (CFU) /g or ml	SLS 516: part I: Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 10
		Total Coliform Count (MPN)/g or ml	SLS 516 Part 3 Section 1: 2013 ISO 4831:2006	0 – 1100+
		<i>E.coli</i> (MPN)/ g or ml	SLS 516 Part 12: 2013 ISO 7251:2005	0 – 1100+
		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
	Fruit Drinks	Aerobic Plate Count at 30 ^o C (CFU) /g or ml	SLS 516: part I: Section 01: 2013 ISO 4833-I:2013	Minimum Detection limit = 10
		Total Coliform Count (MPN)/g or ml	SLS 516: Part 3 Section 1: 2013 ISO 4831:2006	0 – 1100+
		<i>E.coli</i> (MPN)/ g or ml	SLS 516: Part 12: 2013 ISO 7251:2005	0 – 1100+

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment