



Valid from 07 April 2021
to 06 April 2024
Issued on 07 April 2021

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. 134, Dehiwala Road
Bellanwila
Borelasgamuwa.

.

Scope of Accreditation: Performing Microbiology Testing on Product Category
of 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 Swimming pool Water	Aerobic Plate Count at 30 ⁰ C (CFU) /ml	ISO 4833-I:2013	Minimum Detection limit = 01
		Total Coliform Count (MPN)/100ml	SLS 1461 part 1 section 3:2013	0 – 1800+
		E.coli (MPN)/100ml	SLS 1461 part 1 section 3:2013	0 – 1800+
02	Swimming pool Water	Aerobic Plate Count at 30 ⁰ C (CFU) /ml	ISO 3328 : 1993	Minimum Detection limit = 01
03	Water Municipal water Potable water Cooling tower water Well water Swimming pool water	Legionella (CFU)/1000ml	ISO 1 1731:2017	Minimum Detection limit : 100
04	Food and Agricultural Products Tea Raw or Cooked Meat Raw or Cooked Sea Food Raw or Cooked Vegetables Fruit Drinks Raw or Cooked Cereals & Pulses Herbs & Spices Raw or Cooked Cereals & Pulses Starch products	Aerobic Plate Count at 30 ⁰ C (CFU) /g or ml	ISO 4833-I:2013	Minimum Detection limit = 10
		Total Coliform Count (MPN)/g or ml	ISO 4831:2006	0 – 1100+
		E.coli (MPN)/ g or ml	ISO 7251:2005	0 – 1100+
		Salmonella /25g	ISO 6579:2017	Presence/Absence & serotype
		<i>Staphylococcus aureus</i> /g	ISO 6888-I:1999	Minimum Detection limit = 100
		<i>Bacillus cereus</i>	ISO 7932:2004	Minimum 10 per g or 1 per ml

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment
Colombo, Sri Lanka.