



Valid from 17 May 2023
to 10 September 2026
Issued on 17 May 2023

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



ISO/ IEC 17025
TL 004-02

Schedule of Accreditation

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

Accreditation Number: TL 004-02

**Microbiology Laboratory,
Industrial Technology Institute
No.120 /4A,
Vidya Mawatha,
Colombo 07.**

Scope of Accreditation: Performing Chemical Testing on Products Categories of Food and agricultural Products, Water and waste water and cosmetics and Pharmaceutical Products, Petroleum and Petroleum Based Products, Air Quality as per the Test Methods appearing in this Schedule.

The Laboratory is accredited for the following tests appear on page 02 to 03 to page 03 of 03;

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (e.g.: xxx: 2016)		Range of testing/ Limits of detection
01	Liquid Fuel	Viable bacterial count CFU per 10 mL	ASTM D 6974-04		10-10 ⁴
		Yeasts and Moulds count CFU per 10 mL			
02	Coir fiber pith substrate	E.coli, MPN per g	SLS 1219: 2001	SLS 516-12:2013	0-110
		Salmonella, per 25 g		SLS 516-5:2017	Absent/present
03	Health care products	Sterility, per unit	ISO 11737-2 British Pharmacopeia Appendix XVI A		Sterile/ Non sterile
04	Sanitary Napkins	Aerobic plate count CFU per g	SLS 1732:2022	ISO 11737-1	10-10 ⁶
		Yeasts and Moulds CFU Per g		ISO 11737-1	10-10 ⁶
		Staphylococcus aureus Per Napkin		SLS 1351:2016	Absent/present
		Pseudomonas aeruginosa Per Napkin		SLS 1350:2016	Absent/present
		C. albicans, per Napkin		SLS 1488:2016	Absent/present
05	Green and Black tea (dry/liquid/ flavored)	Salmonella, per 25 g/mL	SLS 516-5:2017		Absent/present
06	Coconut oil	Yeasts and Moulds CFU per mL	SLS 516 Part 2/ Section 2:2013 ISO 21527-2:2008		10-10 ⁶
07	Water/Waste water	Total Coliform Count (MPN) per 100mL	APHA 9221-B (23rd Edition)		1.8-10 ⁶
		Faecal Coliforms (MPN) per 100mL	APHA 9221-E (23rd Edition)		
		E.coli (MPN) per 100mL	APHA 9221-G (23rd Edition)		
08	Air quality	Aerobic plate count, CFU per m ³	CML/MM/01/08/001		20-10 ⁴
		Yeasts and moulds, CFU per m ³			
09	Pharmaceutical products	E.coli, per 10 mL/10 g	British Pharmacopeia Appendix XVI B		Absent/present
		Salmonella, per 10mL/ 10 g			Absent/present
		Pseudomonas aeruginosa Per 10 mL/ 10 g			Absent/present
		Staphylococcus aureus Per 10 mL/ 10 g			Absent/present
		C. albicans, Per 10 mL/ 10 g			Absent/present
		Aerobic plate counts, CFU per mL/g			10-10 ⁶
		Yeasts and moulds CFU per mL/g			10-10 ⁶

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection	
10	Contact surfaces (Sampling/Analysis)	Aerobic plate counts CFU per cm ²	ISO 18593:2 004	SLS 516/1 Sec1:2013 ISO 4833-1:2013	1-10 ⁶
		Yeast and mould counts CFU per cm ²		SLS 516/2 Sec1:2013 ISO 21527-1:2008 SLS 516/2 Sec 2:2013 ISO 21527-2:2008	1-10 ⁶
		Salmonella sp. , per 100 cm ²		SLS 516 part 05:2017 ISO 6579-1:2017	Absent/present
		Coliforms, MPN per cm ²		SLS 516 part 3/ ection1:2013 ISO 4831:2006	0-110
		E.coli, MPN per cm ²		SLS 516 part 12:2013 ISO 7251:2005	0-110
11	Spices	Aerobic Plate Counts 30 °C CFU per g	SLS 516 part 1/Section1:2013 ISO 4833-1:2013	10-10 ⁶	
		Yeast & Mould Counts CFU per g	SLS 516 Part 2/Section1:2013 ISO 21527- 1:2008	10-10 ⁶	
		Yeast & Mould Counts CFU per g	SLS 516 Part 2/Section 2:2013 ISO 21527-2:2008	10-10 ⁶	
		Total Coliform Counts ,(MPN)/g	SLS 516 part 3/Section1:2013 ISO 4831:2006	0-110	
		E. coli, (MPN)/g	SLS 516 part 12:2013 ISO 7251:2005	0-110	
		Salmonella, per 25g	SLS 516 part 05:2017 ISO 6579-1:2017	Present/Absent	
		Staphylococcus aureus CFU per g	SLS 516 part 06/Section 1:2022 ISO 6888-1:2021	10-10 ⁶	
12	Dried/ fresh Fruits and vegetables	Aerobic Plate Counts 22 °C, CFU per g	SLS 516 part 1/Section1:2013 ISO 4833-1:2013	10-10 ⁶	
		Aerobic Plate Counts 30 °C, CFU per g	SLS 516 part 1/Section1:2013 ISO 4833-1:2013	10-10 ⁶	
		Aerobic Plate Counts 37 °C, CFU per g	SLS 516 part 1/Section1:2013 ISO 4833-1:2013	10-10 ⁶	
		Yeast & Mould Counts, CFU per g	SLS 516 Part 2/Section1:2013 ISO 21527- 1:2008	10-10 ⁶	
		Yeast & Mould Counts, CFU per g	SLS 516 Part 2/Section 2:2013 ISO 21527-2:2008	10-10 ⁶	
		Total Coliform Counts, (MPN)/g	SLS 516 part 3/Section1:2013 ISO 4831:2006	0-110	
		E. coli, (MPN)/g	SLS 516 part 12:2013 ISO 7251:2005	0-110	
		Staphylococcus aureus, CFU per g	SLS 516 part 06/Section 1:2022 ISO 6888-1:2021	10-10 ⁶	
		Salmonella, per 25g	SLS 516 part 05:2017 ISO 6579-1:2017	Present/Absent	
		Enterobacteriaceae, CFU per g	ISO 21528- 2:2017	10 -10 ⁷	
		Listeria monocytogens CFU per g	SLS 516: part 15-2017	10-10 ⁶	

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment