

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



Valid from 28 December 2023
to 29 June 2026
Issued on 28 December 2023



ISO/IEC 17025
TL 004-01

Schedule of Accreditation

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

Accreditation Number: TL 004-01

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

Scope of Accreditation: Performing Chemical Testing on Products Categories Compost, Liquid Organic Fertilizer, soil, and mechanical Testing on Ambient Air as per the test methods appearing in this Schedule.

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

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/Standard against which tests are performed	Range of testing/ Limits of detection
01	Compost	Moisture	SLS 645: Part 2:1984	LOD 1.30%
		Total Potassium	SLS 645: Part 4: 1989	LOD 0.04%
		Total Phosphorous	SLS 645: Part 5:1985	LOD 0.01%
		Ca	SLS 645: Part 6:1990	LOD 0.1%
		Mg	SLS 645: Part 6:1990	LOD 0.3%
		Electrical Conductivity	SLS 1634/1635: 2019 Appendix B	0 μ S/cm - 1,000 mS/cm
		Sand	SLS 1634/1635: 2019 Appendix E	LOD 2.4 %
		pH	SLS 1526:2016/ ISO 10390:2005	0 - 14
		Particle Size	SLS 1634/1635: 2019 Appendix G	0 – 100 %
		Foreign Matter	SLS 1634/1635: 2019 Appendix H	0 – 100 %
02	Liquid Organic Fertilizer	Total Phosphorous	SLS 645: Part 5:1985	LOD 0.01%
		Total Potassium	SLS 645: Part 4: 1989	LOD 0.04%
		pH	SLS 1526:2016/ISO 10390:2005	0 - 14
		Electrical Conductivity	SLS ISO 11265:2021/ ISO 11265:1994	0 μ S/cm - 1,000 mS/cm
03	Soil	pH	SLS 1526:2016/ISO 10390:2005	0 - 14
		Electrical Conductivity	SLS ISO 11265:2021/ ISO 11265:1994	0 μ S/cm - 1,000 mS/cm
04	Ambient Air	Total Suspended Particulate Matter (TSPM)	Determination of TSPM, High volume sampling and gravimetry, CML/MM/06/01/001/V1.1 (Based on USEPA method, gazette notification No. 2126/36, dated 05-06-2019)	2 to 750 μ gm ⁻³
		Particulate Matter – aerodynamic diameter is less than 10 μ m in size (PM ₁₀)	Determination of PM ₁₀ , High volume sampling and gravimetry, CML/MM/06/01/002/V1.1 (Based on USEPA method, gazette extraordinary No. 1562/22, dated 15-08-2008)	2 to 750 μ gm ⁻³

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment