

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 $\mu$ 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 $\mu$ 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 $\mu$ 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 $\mu$ gm <sup>-3</sup>       |
|       |                               | Particulate Matter – aerodynamic diameter is less than 10 $\mu$ m in size (PM <sub>10</sub> ) | Determination of PM <sub>10</sub> , 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 $\mu$ gm <sup>-3</sup>       |

Director/CEO  
Sri Lanka Accreditation Board for Conformity Assessment

