Valid from 07 April 2024
to 06 April 2028
Issued on 19 June 2024

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

ISO/ IEC 17025
TL 050- 01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 050-01

A.Baur & Co. (Pvt) Ltd
No 45,
Station Road
Kelaniya.

Scope of Accreditation: Performing Chemical Testing on Fertilizer as per SLS methods

The laboratory is accredited for the following tests.

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
1.1	Urea, Di-Ammonium Phosphate	Determination of Total Nitrogen content	SLS 645 Part 1, Section C: 2009	1-50%
1.2	Urea	Determination of Biuret content	SLS 645 Part 3: Method 2: 2009	0.1 – 1.5%
1.3	Ammonium Sulphate (SOA)	Determination of Ammonical Nitrogen content	SLS 645 Part 1, Section B: 2009	1 – 30%
		Determination of Free Acidity	SLS 620: Appendix C: 2014	0.004 – 1%
1.4	Magnesium Sulfate (Kieserite), Dolomite, Epsom Sal	Determination of Magnesium content	SLS 645 Part 6: Section 1: 1990	0.5 - 30
1.5	Magnesium Sulfate (Kieserite)	Determination of water solubility	SLS 1104: Appendix D : 2014	1 – 100%
1.6	Triple Super Phosphate (TSP) Single Super Phosphate, Di-Ammonium Phosphate, ERP, HERP	Determination of Total Phosphorous Content	SLS 645 Part 5: 1985	1 – 50%
1.7	Potassium Chloride (MOP), Sulphate of Potash (SOP)	Determination of Potassium content	SLS 645 Part 4: Section 1: 1989	1 – 70%
		Determination of Sodium content	SLS 645 Part 7: Section 1: 1994	0.05 – 4%
1.8	Fertilizer Mixtures	Determination of Total Nitrogen content	SLS 645 part 1, Section C: 2009	1 – 50%
		Determination of Ammonical Nitrogen content	SLS 645 part 1, Section B: 2009	1 – 30%
		Determination of Magnesium content	SLS 645 part 6, Section 1: 1990	0.5 – 30%
		Determination of Potassium content	SLS 645 part 4, Section 1: 1989	1 – 70%
		Determination of Total phosphorous content	SLS 645 Part 5: 1985	1 – 50%
1.9	Fertilizer and Fertilizer Mixture (not containing volatile substances)	Determination of Moisture content	SLS 645 Part 2: Method 1: 1984	0.02 – 20%

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Compost made from Municipal solid waste	pH	SLS 1526: 2016	5 - 8
		Conductivity	SLS 1634: Appendix B	0.1 – 5 ds/m
		Sand content	SLS 1634: Appendix E	0.1 – 90%
		Particle Size	SLS 1634: 2019 Appendix G	0.1 – 50%
		Moisture Content	SLS 645 Part 2: Method 1: 1984	0.1 – 70%
		Total Nitrogen content (as N)	SLS 645 Part 1: Section C: 2009	0.1 – 5%
		Total Phosphorous Content (as P_2O_5)	SLS 645 Part 5: 1985	0.1 – 2%
		Potassium content (as K_2O)	SLS 645 Part 4: Section 1: 1989	0.1 – 2%
		Magnesium content (as MgO)	SLS 645 Part 6: Section 1: 1990	0.1 – 2%
		Calcium Content (as CaO)	SLS 645 Part 6: Section 1: 1990	0.1 – 2%
02	Compost made from Raw materials of agricultural origin	pH	SLS 1526: 2016	5 - 8
		Conductivity	SLS 1635: Appendix B	0.1 – 5 ds/m
		Sand content	SLS 1635: Appendix E	0.1 – 90%
		Particle Size	SLS 1635: 2019 Appendix G	0.1 – 50%
		Moisture Content	SLS 645 Part 2: Method 1: 1984	0.1 – 70%
		Total Nitrogen content (as N)	SLS 645 Part 1: Section C: 2009	0.1 – 5%
		Total Phosphorous Content (as P_2O_5)	SLS 645 Part 5: 1985	0.1 – 2%
		Potassium content (as K_2O)	SLS 645 Part 4: Section 1: 1989	0.1 – 2%
		Magnesium content (as MgO)	SLS 645 Part 6: Section 1: 1990	0.1 – 2%
		Calcium Content (as CaO)	SLS 645 Part 6: Section 1: 1990	0.1 – 2%

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment