



Valid from 19 March 2025
to 18 March 2029
Issued on 19 March 2025

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



ISO/IEC 17025
TL 001-01

Schedule of Accreditation

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

Accreditation Number: TL 001-01

Bamber & Bruce (Pvt) Ltd

No. 95, Piyadasa Sirisena Mawatha, Colombo 10

Scope of Accreditation: Performing chemical testing on food & agricultural products (tea), water (Potable water, Wastewater & Industrial Effluents) and fertilizer as per the test methods appearing in this schedule.

The laboratory is accredited for the tests indicated in page 02, 03 & 04.

Sl	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
1	Food & Agricultural Products (Tea) Black Tea / Green Tea	Loss in mass at 103°C or Moisture (%)	SLS 28 Part 2 :2008 ISO 1573:1980	0.88 – 10.00
		Alkalinity of water-soluble ash (%)	SLS 28 -Part 6 :2008 ISO 1578:1975	0.2-5.0
		Acid insoluble ash(%)	SLS 28 -Part 5 :2008 ISO 1577: 1987	0.1 -5.0
		Water extract (%)	SLS 28 -Part 7 :2008 ISO 9768: 1994	10.0 – 60.0
		Crude fiber (%)	SLS 28 -Part 8 :2008 ISO 15598:1999	7.0 – 15.0
		Total Ash (%)	SLS 28 -Part 3 :2008 ISO 1575:1987	2.0 -10.0
		Water soluble ash in total ash (%)	SLS 28 -Part 4 :2008 ISO 1576 :1988	10.0 – 60.0
		Water insoluble ash (%)	SLS 28 -Part 4 :2008 ISO 1576 :1988	1.0 - 10.0
2	Water			
2.1	Potable Water	Chlorides (mg/L)	APHA 24 th Edition 4500 -Cl ⁻ B	1.0-400.0
		Total hardness(mg/L)	APHA 24 th Edition 2340 C	3.0- 600.0
		Calcium(mg/L)	APHA 24 th Edition 3500Ca B	2.0 – 240.0
		Magnesium(mg/L)	APHA 24 th Edition 3500Mg B	1.0-140.0
		pH	APHA 24 th Edition 4500-H+ B	1.0 – 12.0
		TSS (mg/L)	APHA 24 th Edition 2540 D	1.0-2000.0

2.2	Wastewater & Industrial Effluents	pH	APHA 24 th Edition 4500-H+ B	1.0-12.0
		TSS (mg/L)	APHA 24 th Edition 2540 D	1.0-2000.0
		BOD 5 day (mg/L)	APHA 24 th Edition 5210 B & 4500 – O C	1.0-1500.0
		COD (mg/L)	APHA 24 th Edition 5220 B	10.0 – 1200.0
		Oil & Grease (mg/L)	APHA 24 th Edition 5520 B	1.0 -100.0
		Ammoniacal Nitrogen (mg/L)	APHA 24 th Edition 4500 –NH ₃ B & C	5.0-100.0
		Chlorides(mg/L)	APHA 24 th Edition 4500 – Cl B	1.0 – 400.0
3	Fertilizer			
3.1	Sulphate of Ammonia/ Ammonium chloride	Moisture (%)	SLS 645 Part 2:1984 Method 1	0.1 – 40.0
		Ammoniacal Nitrogen, as N%	AOAC 920.03	1.6 – 40.0
3.2	Urea	Moisture (%)	SLS 645 Part 2: 1984 Method 1	0.1 – 40.0
3.3	Muriate of Potash (MOP) / Potassium sulfate	Moisture (%)	SLS 645 Part 2:1984 Method 1	0.1 – 40.0
		Potassium Content (%)	SLS 645 Part 4: 1989	1.2 – 70.0
		Sodium as NaCl (on dry basis)(%)	SLS 645 Part 7-section 1:1994	0.10 – 5.0
3.4	Single Supper Phosphate / (Granular & powder form) Triple Supper Phosphate	Moisture (%)	SLS 645 Part 2:1984 Method1	0.1 – 40 .0
		Total Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	2.0 – 50.0
		Water soluble Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	1.3- 90.0
		Free Phosphate, as P ₂ O ₅ (%)	SLS 812: 2014 Appendix C	1.0 – 40.0
3.5		Moisture (%)	SLS 645 Part 2:1984 Method1	0.1 – 40.0

	Mixed Fertilizer / Organic compost / Organic liquid fertilizer	Total Phosphate, as P_2O_5 (%)	SLS 645 Part 5: 1985	2.0 – 50.0
		Potassium Content %	SLS 645 Part 4: 1989	1.2 – 70.0
3.6	Magnesium sulphate heptahydrate (Epsom Salt) / Kieserite	Moisture (%)	SLS 645 Part 2:1984 Method 1	0.1 – 40.0
3.7	Di-Ammonium Phosphate / Mono ammonium phosphate	Ammoniacal Nitrogen, as N%	AOAC 920.03	1.6 – 35.0
		Moisture%	SLS 645 Part 2:1984 Method 1	0.1 – 40.0
		Total Phosphate, as P_2O_5 (%)	SLS 645 Part 5: 1985	2.0 – 50.0
		Water soluble Phosphate, as P_2O_5 (%)	SLS 645 Part 5: 1985	1.3 – 90.0

Acting Director CEO
Sri Lanka Accreditation Board for Conformity Assessment