



Valid from 16 June 2021
to 15 December 2023
Issued on 16 June 2021

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 Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 001-01

Bamber & Bruce (Pvt) Ltd
No. 989, Gnanartha Pradeepaya Road
Maradana.

Scope of Accreditation: Performing chemical testing on food,
water, Waste water, industrial effluents and fertilizer.

The laboratory is accredited for the tests indicated in page 2 & 3.

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Food & Agricultural Products (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 – 20.0
		Crude fibre (%)	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
02	Water			
2.1	Potable Water	Chlorides (mg/L)	APHA 23 rd Edition 4500 -Cl ⁻ B	1.0-400.0
		Total hardness (mg/L)	APHA 23 rd Edition 2340 C	3.0- 600.0
		Calcium(mg/L)	APHA 23 rd Edition 3500Ca B	2.0 – 240.0
		Magnesium(mg/L)	APHA 22 nd Edition 3500Mg B	1.0-140.0
2.2	Wastewater & Industrial Effluents	pH	APHA 23 rd Edition 4500-H+ B	1.0-12.0
		TSS (mg/L)	APHA 23 rd Edition 2540 D	1.0-2000.0
		BOD 5 day (mg/L)	APHA 23 rd Edition 5210 B & 4500 – O C	1.0-1500.0
		COD (mg/L)	APHA 23 rd Edition 5220 B)	10.0 – 1200.0
		Oil & Grease (mg/L)	APHA 23 rd Edition 5520 B)	1.0 -100.0
		Ammoniacal Nitrogen (mg/L)	APHA 23 rd Edition 4500 – NH ₃ B & C	5.0-100.0
		Chlorides(mg/L)	APHA 23 rd Edition 4500 – Cl-B	1.0 – 400.0

3 Fertilizer				
3.1	Sulphate of Ammonia	Moisture (%)	SLS 645 Part 2: 1984 Method 1	0.1 – 40.0
		Ammonical Nitrogen, as mg/L	AOAC 920.03	1.6 – 5.0
3.2	Single Super Phosphate (Granular & powder form)	Moisture (%)	SLS 645 Part 2: 1984 Method 1	0.10– 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
3.3	Urea	Moisture (%)	SLS 645 Part 2: 1984 Method 1	0.1 – 40.0
3.4	Murate of Potash (MOP)	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
3.5	Triple Super Phosphate	Moisture (%)	SLS 645 Part 2: 1984 Method 1	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 – 5.0
3.6	Mixed Fertilizer	Moisture (%)	SLS 645 Part 2: 1984 Method 1	0.1 – 40.0
		Total Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	2.0 – 50.0

Director/CEO
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