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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.22/A,
Vijaya Kumaranatunga Mawatha,
Colombo 05.

Scope of Accreditation: Performing chemical testing on Food, Water, Fertilizer
and Cosmetics.

The laboratory is accredited for the following tests (Please see page 02, 03 & 04
for details)

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (\pm)
01	Food & Agricultural Products (Tea)	Loss in mass at 103 ^o C or Moisture (%)	SLS 28 Part 2 :2008 ISO 1573:1980	0.10 – 10.00	0.05
		Alkalinity of water soluble ash (%)	SLS 28 -Part 6 :2008 ISO 1578:1975	0.5-5.0	0.4
		Acid insoluble ash (%)	SLS 28 -Part 5 :2008 ISO 1577: 1987	0.2-4.0	0.1
		Water extract (%)	SLS 28 -Part 7 :2008 ISO 9768: 1994	12 -60	10
		Crude fibre (%)	SLS 28 -Part 8 :2008 ISO 15598:1999	0.2 -30.0	0.1
		Total Ash (%)	SLS 28 -Part 3 :2008 ISO 1575:1987	0.1-10.0	0.1
		Water soluble ash in total ash (%)	SLS 28 -Part 4 :2008 ISO 1576 :1988	0.040-70.000	0.002
		Water insoluble ash (%)	SLS 28 -Part 4 :2008 ISO 1576 :1988	0.010-10.000	0.002
		Caffeine (g /100g %)	In-house Method 1	0.10 -5.00	0.09
02	Water				
2.1	Potable Water	Chlorides (mg/L)	APHA 22 nd Edition 4500 -Cl ⁻ B	1-400	1.5
		Total hardness (mg/L)	APHA 22 nd Edition 2340 C	3.0-600.0	2.5
		Calcium(mg/L)	APHA 22 nd Edition 3500Ca B	2.0-240.0	0.7
		Magnesium(mg/L)	APHA 22 nd Edition 3500Mg B	1-140	3.2

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (±)
2.2	Waste Water & Industrial Effluents	pH	APHA 22 nd Edition 4500-H+ B	1.0-12.0	0.4
		TSS (mg/L)	APHA 22 nd Edition 2540 D	1.0-2000.0	0.3
		Oil & Greese (mg/L)	APHA 22 nd Edition 5520 B)	1-100	3.6
		Phenolic compounds (mg/L)	APHA 22 nd Edition 5530 C)	1-10	1
		Sulphides (mg/L)	APHA 22 nd Edition 4500-S2F	2.0-100.0	1.7
		Zinc (mg/L)	APHA 22 nd Edition 3111 B	0.2-100	0.5
		Ammoniacal Nitrogen (mg/L)	APHA 22 nd Edition 4500 – NH3 B & C	5.0-100.0	0.1
		Chlorides (mg/L)	APHA 22 nd Edition 4500 – Cl- B	1-400	1.5
03	Fertilizer				
3.1	Sulphate of Ammonia	Moisture (%))	SLS 645 Part 2 : 1984 Method 1	0.1-40.0	0.03
3.2	Single Super Phosphate (Granular & powder form)	Moisture (%))	SLS 645 Part 2 : 1984 Method 1	0.10-40.0	0.03
		Total Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	0.6-50.0	0.3
		Water soluble Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	1.3-90.0	0.1
3.3	Urea	Moisture (%))	SLS 645 Part 2 : 1984 Method 1	0.1-40.0	0.03

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	Uncertainty (\pm)
3.4	Muraite of Potash (MOP)	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0	0.03
		Potassium Content (%)	SLS 645 Part 4: 1989	1.2-70.0	0.6
		Sodium as NaCl (on dry basis) (%)	SLS 645 Part 7-section 1: 1994	0.10-5.0	0.09
3.5	Triple Supper Phosphate	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0	0.03
		Total Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	0.6-50.0	0.3
		Water soluble Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	1.3-90.0	0.1
		Free Phosphate, as P ₂ O ₅ (%)	SLS 812 : 1988 Appendix A	1.0-5.0	0.9
3.6	Mixed Fertilizer	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0	0.03
		Total Phosphate, as P ₂ O ₅ (%)	SLS 645 Part 5: 1985	0.6-50.0	0.3
3.7	Sulphate of Ammonia	Ammonical Nitrogen, as N%	AOAC 920.03	1.6-5.0	1
04	Cosmetics skin creams & Lotions	PH at 27 \pm 2 ⁰ C	SLS 611:1983,C.3	2.0-12.0	0.4
		Non-volatile matter at 105 ⁰ C,% by mass	SLS 743:1986, Appendix B	0.05-50.00	0.04
		Water content, %	SLS 611:1983,C.5	1.0-100.0	1.4
		Peroxide value, milliequivalents/kg	SLS 611:1983,C.6	0.1-15.0	0.7

Director / CEO
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Colombo, Sri Lanka