



Valid from 07 April 2017  
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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. 29/1, Idama Road**  
**Vijaya Kumaranatunga Mawatha**  
**Colombo 05.**

**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 No	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			
1.1	Food & Agricultural Products (Tea)	Loss in mass at 103°C or Moisture (%)	SLS 28 Part 2 :2008 ISO 1573:1980	0.10 – 10.00
1.2		Alkalinity of water soluble ash (%)	SLS 28 -Part 6 :2008 ISO 1578:1975	0.5-5.0
1.3		Acid insoluble ash (%)	SLS 28 -Part 5 :2008 ISO 1577: 1987	0.2-4.0
1.4		Water extract (%)	SLS 28 -Part 7 :2008 ISO 9768: 1994	12 -60
1.5		Crude fibre (%)	SLS 28 -Part 8 :2008 ISO 15598:1999	0.2-30.0
1.6		Total Ash (%)	SLS 28 -Part 3 :2008 ISO 1575:1987	0.1-10.0
1.7		Water soluble ash in total ash (%)	SLS 28 -Part 4 :2008 ISO 1576 :1988	0.040-70.0
1.8		Water insoluble ash (%)	SLS 28 -Part 4 :2008 ISO 1576 :1988	0.010-10.0
1.9				
02	Water			
2.1	Potable Water	Chlorides (mg/l)	APHA 22 <sup>nd</sup> Edition 4500 -Cl <sup>-</sup> B	1-400
2.2		Total Hardness (mg/l)	APHA 22 <sup>nd</sup> Edition 2340 C	3.0-600.0
2.3		Calcium (mg/l)	APHA 22 <sup>nd</sup> Edition 3500 Ca B	2.0-240.0
2.4		Magnesium (mg/l)	APHA 22 <sup>nd</sup> Edition 3500 Mg B	1-140
2.5		COD (mg/l)	APHA 22 <sup>nd</sup> Edition 5220 B	10-1200
2.6	Waste Water & Industrial Effluents	pH	APHA 22 <sup>nd</sup> Edition 4500-H <sup>+</sup> B	1.0-12.0
2.7		TSS (mg/l)	APHA 22 <sup>nd</sup> Edition 2540 D	1.0-2000.0
2.8		BOD <sub>5</sub> day (mg/l)	APHA 22 <sup>nd</sup> Edition 5210 B & 4500 – O C	1-1500
2.9		COD (mg/l)	APHA 22 <sup>nd</sup> Edition 5220 B	10-1200
2.10		Oil & Grease (mg/l)	APHA 22 <sup>nd</sup> Edition 5520 B	1-100
2.11		Phenolic compounds (mg/l)	APHA 22 <sup>nd</sup> Edition 5530 C	1-10
2.12		Sulphides (mg/l)	APHA 22 <sup>nd</sup> Edition 4500-S <sub>2</sub> F	2.0-100.0
2.13		Zinc (mg/L)	APHA 22 <sup>nd</sup> Edition 3111 B	0.2-100
2.14		Ammonical Nitrogen (mg/l)	APHA 22 <sup>nd</sup> Edition 4500 – NH <sub>3</sub> B & C	5.0-100.0
2.15		Chlorides (mg/l)	APHA 22 <sup>nd</sup> Edition 4500 – Cl-B	1-400

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
03	Fertilizer			
3.1	Sulphate of Ammonia	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0
3.2	Single Super Phosphate (Granular & powder form)	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.10-40.0
3.3		Total Phosphate, as P <sub>2</sub> O <sub>5</sub> (%)	SLS 645 Part 5: 1985	0.6-50.0
3.4		Water soluble Phosphate, as P <sub>2</sub> O <sub>5</sub> (%)	SLS 645 Part 5: 1985	1.3-90.0
3.5	Urea	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0
3.6	Muriate of Potash (MOP)	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0
3.7		Potassium Content as K <sub>2</sub> O (%)	SLS 645 Part 4: 1989	1.2-70.0
3.8		Sodium as NaCl (on dry basis) (%)	SLS 645 Part 7-section 1: 1994	0.10-5.0
3.9	Triple Super Phosphate	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0
3.10		Total Phosphate, as P <sub>2</sub> O <sub>5</sub> (%)	SLS 645 Part 5: 1985	0.6-50.0
3.11		Water soluble Phosphate, as P <sub>2</sub> O <sub>5</sub> (%)	SLS 645 Part 5: 1985	1.3-90.0
3.12		Free Phosphate, as P <sub>2</sub> O <sub>5</sub> (%)	SLS 812 : 1988 Appendix A	1.0-5.0
3.13	Mixed Fertilizer	Moisture (%)	SLS 645 Part 2 : 1984 Method 1	0.1-40.0
3.14		Total Phosphate, as P <sub>2</sub> O <sub>5</sub> (%)	SLS 645 Part 5: 1985	0.6-50.0
3.15	Sulphate of Ammonia	Ammonical Nitrogen, as N%	AOAC 920.03	1.6-5.0

Deputy Director (Accreditation)  
Sri Lanka Accreditation Board for Conformity Assessment  
Colombo, Sri Lanka