



Valid from 17 November 2017
to 16 November 2020
Issued on 13 November 2017

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



ISO/ IEC 17025
TL 052-01

Schedule of Accreditation

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

Accreditation Number: TL 052-01

Regional Laboratory-Western Production (Ambatale)
National Water Supply & Drainage Board
Udumulla Road
Mulleriyawa New Town

Scope of Accreditation: Performing sampling and chemical testing
on water, alum and lime as per SLS and APHA methods.

The laboratory is accredited for the tests in page 02.

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	Alum	Determination of Water-soluble Aluminium Sulfate, as Al ₂ O ₃ , percent by mass	SLS 701-1985 Appendix C	0.2 – 35.0
		Determination of Iron as Fe ₂ O ₃ , percent by mass	SLS 701-1985 Appendix B	0.01 – 5.0
		Determination of Water insoluble matter, percent by mass	SLS 701-1985 Appendix D	0.02 – 35.0
		Determination of pH at 27±2 ⁰ C	SLS 701-1985 Appendix E	2.0 – 12.0
		Determination of Ammonical Nitrogen percent by mass	SLS 701-1985 Appendix G	0.01– 2.0
		Sampling of Alum	SLS 701-1985 Appendix A	N/A
02	Lime	Available Ca(OH) ₂ , percent by mass	SLS 682-1984 Appendix C 2 (Sugar Method)	2.0 – 99.0
		Determination of Basicity Factor	SLS 682-1984 Appendix D	0.01 – 1.40
		Determination of Particle Size a)%passed through 600µm sieve b)%passed through 75µm sieve	SLS 682-1984 Appendix B	1.0 – 100.0 1.0 – 100.0
		Sampling of Lime	SLS 682-1984 Appendix A	N/A
03	Water	pH at 25±2 ⁰ C	APHA 4500-H ⁺ B 22 nd Edition	2-12
		Conductivity (µs/cm)	APHA 2510 B 22 nd Edition	0.3-400.0
		Turbidity (NTU)	APHA 2130 B 22 nd Edition	0.10-9.99 10.0-100.0
		Sampling of Water	APHA 1060 22 nd Edition	N/A
		Chloride (Cl ⁻) (mg/l)	APHA 4500 Cl ⁻ B 22 nd Edition	> 1
		Total Hardness (as CaCO ₃ ⁻) (mg/l)	APHA 2340 C 22 nd Edition	1-400
		Total Alkalinity (as CaCO ₃ ⁻) (mg/l)	APHA 2320 B 22 nd Edition	> 1

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