



Valid from 12 June 2019
to 16 November 2020
Issued on 12 June 2019

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.

SI No.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limit of detection
01	Alum	Determination of Water-soluble Aluminium Sulfate, as Al ₂ O ₃ , percent by mass	SLS 1535-2016 Appendix C	0.2 – 35.0
		Determination of Iron as Fe ₂ O ₃ , percent by mass	SLS 1535-2016 Appendix G-1, G-2	0.01 – 5.00
		Determination of Water insoluble matter, percent by mass	SLS 1535-2016 Appendix D	0.02 – 35.0
		Determination of pH at 27±2°C	SLS 1535-2016 Appendix E	2.0 – 12.0
		Determination of Ammonical Nitrogen (mg/kg)	SLS 1535-2016 Appendix H	0.01– 300
		Sampling of Alum	SLS 1535-2016 Appendix A	N/A
		Lead (as Pb), mg/kg	SLS 1535:2016 Appendix F	Min. 2
		Manganese (as Mn), mg/kg		Min. 20
		Cadmium (as Cd), mg/kg		Min 0.1
		Chromium (as Cr), mg/kg		Min 2
		Determination of lump passing through 40 mm sieve	SLS 1535:2016 Appendix B	100
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
		Sampling of Lime	SLS 682-1984 Appendix A	N/A
03	Raw Water & Treated Water	pH at 25±2°C	APHA 4500-H ⁺ B 23 rd Edition	2-12
		Conductivity (µS/cm)	APHA 2510 B- 23 rd Edition	0.3-400.0
		Turbidity (NTU)	APHA 2130 B 23 rd Edition	0.1-9.99 10.0-100.0
		Chloride (Cl ⁻) (mg/l)	APHA 4500 Cl ⁻ B 23 rd Edition	> 1
		Total Hardness (as CaCO ₃) (mg/l)	APHA 2340 C 23 rd Edition	1-400
		Total Alkalinity (as CaCO ₃) (mg/l)	APHA 2320 B 23 rd Edition	> 1
		Sampling of Water	APHA 1060 23 rd Edition	N/A

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment