



Valid from 17 November 2015
to 16 November 2017
Issued on 18 December 2015

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 chemical testing and sampling on Alum and Lime as per SLS methods.

The laboratory is accredited for the following tests (Please refer the page 02 of 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	Uncertainty (±) (Relative expanded uncertainty)
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	1.1%
		Determination of Iron as Fe ₂ O ₃ , percent by mass	SLS 701-1985 Appendix B	0.01 – 5.00	4.2%
		Determination of Water insoluble matter, percent by mass	SLS 701-1985 Appendix D	0.02 – 35.0	4.7
		Determination of p ^H at 27±20°C	SLS 701-1985 Appendix E	2.0 – 12.0	±0.06 (Uncertainty)
		Determination of Ammonical Nitrogen percent by mass	SLS 701-1985 Appendix G	0.01– 2.00	3.2%
		Sampling of Alum	SLS 701-1985 Appendix A	NA	NA
02	Lime	Available Ca(OH) ₂ , percent by mass	SLS 682-1984 Appendix C 2 (Sugar Method)	2.0 – 99.0	2.1%
		Determination of Basicity Factor	SLS 682-1984 Appendix D	0.01 – 1.40	5.0%
		Determination of Particle Size a)%passed through 600µm sieve	SLS 682-1984 Appendix B	1.0 – 100.0	0.1%
		b)%passed through 75µm sieve		1.0 – 100.0	0.1%
Sampling of Lime	SLS 682-1984 Appendix A	NA	NA		