



Valid from 20 March 2024
to 30 May 2024
Issued on 20 March 2024

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



ISO/ IEC 17025
TL 052-03

Schedule of Accreditation

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

Accreditation Number: TL 052-03

Central Laboratory
National Water Supply & Drainage Board
Thelawala Road
Ratmalana.

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

The laboratory is accredited for the tests in page 02 & 03.

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
01	Water (Dissolved recoverable as Total)	Turbidity	APHA 2130B, 23 rd Edition	0.5 – 1000 NTU
		pH	APHA 4500 H ⁺ B 23 rd Edition	4 - 14
		Electrical Conductivity	APHA 2510- B 23 rd Edition	>10 µS / cm
		Chloride (as Cl)	APHA 4500 -Cl B 23 rd Edition	>8 mg / L
		Total Alkalinity (as CaCO ₃)	APHA 2320 B 23 rd Edition	>11 mg / L
		Nitrogen Ammonia (as NH ₃ -N)	8038 HACH method Nessler method	>0.04 mg / L
		Nitrate (as NO ₃ -N)	8039 HACH method Cadmium reduction	>7 mg / L
		Fluoride (as F)	8029 HACH method (SPAND)	>0.1 mg / L
		Total Phosphates (as PO ₄ ³⁻)	8048 HACH method Ascorbic acid method	>0.1 mg / L
		Total Hardness (as CaCO ₃)	APHA 2340- C 23 rd Edition	>6 mg / L
		Sulphate (as SO ₄ ³⁻)	8051 HACH method	>8 mg / L
		Total Iron (as Fe)	8008 HACH method	>0.1 mg / L
		COD	APHA 5220 B	>4.6 mg / L
		Zinc	EPA (200.7)	>0.02 mg / L
		Arsenic	EPA (200.7)	>0.01 mg / L
		Cadmium	EPA (200.7)	>0.002 mg / L
		Chromium	EPA (200.7)	>0.005 mg / L
		Lead	EPA (200.7)	>0.01 mg / L
		Copper	EPA (200.7)	>0.005 mg / L
		Nickel	EPA (200.7)	>0.005 mg / L
Manganese	EPA (200.7)	>0.005 mg / L		

02	Hydrated Lime	Cadmium	SLS 1577 : 2017 ,Appendix H ICP- OES	>0.002 mg / kg
		Chromium		>0.005 mg / kg
		Lead		>0.01 mg / kg
		Manganese		>0.005 mg / kg
		Arsenic		>0.01 mg / kg
03	Aluminium Sulphate	Cadmium	SLS 1535 : 2016,Appendix F ICP- OES	>0.002 mg / kg
		Chromium		>0.005 mg / kg
		Lead		>0.01 mg / kg
		Manganese		>0.005 mg / kg
		Arsenic		>0.01 mg / kg
04	Wastewater	pH	APHA 4500 H ⁺ B 23 rd Edition	4 - 14
		COD	APHA 5220 B	>4.6 mg / L
		Cadmium Total	EPA (200.7)	>0.002 mg / L
		Chromium Total	EPA (200.7)	>0.005 mg / L
		Lead Total	EPA (200.7)	>0.01 mg / L
		Copper Total	EPA (200.7)	>0.005 mg / L
		Nickel Total	EPA (200.7)	>0.002 mg / L
		Arsenic Total	EPA (200.7)	>0.01 mg / L
		Zinc Total	EPA (200.7)	>0.02 mg / L
		Manganese Total	EPA (200.7)	>0.005 mg / L