



Valid from 31 May 2024
to 30 May 2028
Issued on 31 May 2024

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



ISO/ IEC 17025
TL 077- 01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 077-01

Sri Lak Laboratory Services (Pvt) Ltd

No: 265 / 6, St. Joseph Street, Negombo.

Scope of Accreditation: Performing Chemical testing on Water and Waste water as per
APHA Methods appearing in this schedule.

The laboratory is accredited for the following tests as per given in the page 02.

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Water	Color	APHA 2120 B, 23 rd edition	2.5 – 10 Hazen units
				11 – 70 Hazen units
		Turbidity	APHA 2130 B, 23 rd edition	0.01 – 19.9 NTU
				20.0 – 199 NTU
				200 – 799 NTU
				800 – 1100 NTU
		pH	APHA 4500- H ⁺ , 23 rd edition	4 – 10.00
		Electrical Conductivity	APHA 2510 B, 23 rd edition	1.0 – 499.9 µS/cm
				500 – 4999 µS/cm
				5.00 – 49.99 mS/cm
		Chlorides	APHA 4500- Cl ⁻ B, 23 rd edition	0.25 – 250 mg/L
		Free Residual Chlorine	APHA 4500- Cl ⁻ G, 23 rd edition	0.1 – 0.8 mg/L
				0.8 – 1.0 mg/L
				1.0 – 3.0 mg/L
				3.0 – 4.0 mg/L
		Total Alkalinity	APHA 2320 B, 23 rd edition	0.5 – 500 mg/L
		Free Ammonia	APHA 4500- NH ₃ F, 23 rd edition	0.01 – 0.60 mg/L
		Nitrates	APHA 4500- NO ₃ ⁻ B, 23 rd edition	0.01 – 7.00 mg/L (as N) 0.04 – 30.8 mg/L (as NO ₃)
		Nitrites	APHA 4500- NO ₂ ⁻ B, 23 rd edition	0.01 – 1.00 mg/L (as N) 0.03 – 3.30 mg/L (as NO ₃)
		Fluorides	APHA 4500- F ⁻ D, 23 rd edition	0.01 – 1.40 mg/L
		Total Phosphates	APHA 4500- P C, 23 rd edition	0.01 – 5.00 mg/L (as P) 0.03 – 15.3 mg/L (as PO ₄ ³⁻)
		Total Hardness	APHA 2340 C, 23 rd edition	0.5 – 500.0 mg/L
		Total Iron	APHA 3500 – Fe B, 23 rd edition	0.01 – 5.00 mg/L
		Sulfates	APHA 4500 – SO ₄ ²⁻ E, 23 rd edition	1.0 – 40 mg/L

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
		Calcium	APHA 3500- Ca B, 23 rd edition	0.5 – 400 mg/L
		Magnesium	APHA 3500- Mg B, 23 rd edition	0.5 – 500 mg/L
		Manganese	APHA 3500- Mn B, 23 rd edition	0.01 – 1.5 mg/L
		Aluminium	APHA 3500- Al B, 23 rd edition	0.01 – 0.5 mg/L
		Acidity	APHA 2310 B, 23 rd edition	0.5 – 500 mg/L
02	Waste Water	DO	APHA 4500-O C, 23 rd edition	0.1 – 25 mg/L
		COD	APHA 5220 C, 23 rd edition	1.0 – 1500 mg/L
		Oil & Grease	APHA 5520 B, 23 rd edition	0.1 – 200 mg/L
		BOD	APHA 5210 B, 23 rd edition	0.1 – 200 mg/L
		Total Suspended Solids	APHA 2540 D, 23 rd edition	1.0 – 1000 mg/L
		Total Dissolved Solids	APHA 2540 C, 23 rd edition	1.0 – 5000 mg/L
03	Water / Waste Water	Sampling	APHA 1060 B, 23 rd edition	Not Applicable

Chairman
Sri Lanka Accreditation Board for Conformity Assessment