



Valid from 13 February 2019
to 30 November 2020
Issued on 13 February 2019

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. 265/01, St. Josheph Street
Negombo

Scope of Accreditation: Performing Chemical testing on Water and Waste water based
on APHA methods

The laboratory is accredited for the following tests.

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
01	Water	Colour	APHA 2120 B, 23 rd Edition	2.5 – 10 Hazen units
				15 – 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	0.01 – 14.00
		Electrical Conductivity	APHA 2510 B, 23 rd Edition	0.1 – 499.9 μS/cm
				500 - 4999 μS/cm
				50.0 – 200.0 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 G, 23 rd Edition	0.01 – 0.60 mg/L		
Nitrates	APHA 4500-NO ₃ ⁻ B, 23 rd Edition	0.01 – 7.00 mg/L		
Nitrites	APHA 4500-NO ₂ ⁻ B, 23 rd Edition	0.01 – 1.00 mg/L		
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		

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
01	Water	Total Hardness	APHA 2340 C, 23 rd Edition	0.5 – 500.0 mg/L
		Total Iron	APHA 3500-F 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
		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
		Aluminum	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
		DO	APHA 4500-O C, 23 rd Edition	0.1 – 25 mg/L
02	Waste water	Total Dissolved Solids	APHA 2540 C, 23 rd Edition	1.0 – 5000 mg/L
		Chemical Oxygen Demand (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
		Biological Oxygen Demand (BOD)	APHA 5210 B, 23 rd Edition	0.1 - 200mg/L
		Total Suspended Solids	APHA 2540 D, 23 rd Edition	1.0 – 1000 mg/L

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment