



Valid from 31 May 2021
to 30 May 2024
Issued on 31 May 2021

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.

Sl	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
1	Water	Colour	APHA 2120 B, 23 rd edition	2.5-10 Hazen units
				15-70 Hazen units
2		Turbidity	APHA 2130 B, 23 rd edition	0.01 – 19.9 NTU
				20.0 – 199 NTU
				200 – 799 NTU
				800 – 1100 NTU
3		pH	APHA 4500 –H ⁺ , 23 rd edition	1.0 -14.00
4		Electrical Conductivity	APHA 2510 B, 23 rd edition	1.0 - 499.9 µS/cm
				500 – 4 999 µS/cm
				5.00 –49.99 mS/cm
5		Chlorides	APHA 4500-Cl ⁻ B, 23 rd edition	0.25-250 mg/L
6		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
7		Total Alkalinity	APHA 2320 B , 23 rd edition	0.5 -500 mg/L
8		Free Ammonia	APHA 4500-NH ₃ F, 23 rd edition	0.01 - 0.60 mg/L
9		Nitrates	APHA 4500-NO ₃ ⁻ B, 23 rd edition	0.01 - 7.00 mg/L
10		Nitrites	APHA 4500 - NO ₂ ⁻ B, 23 rd edition	0.01 - 1.00 mg/L
11		Fluorides	APHA 4500 – F ⁻ D, 23 rd edition	0.01-1.40 mg/L
12	Total Phosphates	APHA 4500 –P C, 23 rd edition	0.01 -5.00 mg/L	
13	Total Hardness	APHA 2340 C, 23 rd edition	0.5 -500.0 mg/L	
14	Total Iron	APHA 3500-Fe B, 23 rd edition	0.01-5.00 mg/L	
15	Sulfates	APHA 4500 -SO ₄ ²⁻ E, 23 rd edition	1.0 - 40 mg/L	
16	Calcium	APHA 3500-Ca B, 23 rd edition	0.5 - 400 mg/L	
17	Magnesium	APHA 3500-Mg B, 23 rd edition	0.5 - 500 mg/L	
18	Manganese	APHA 3500 –Mn B, 23 rd edition	0.01 - 1.5 mg/L	
19	Aluminum	APHA 3500-Al B, 23 rd edition	0.01 - 0.5 mg/L	
20	Acidity	APHA 2310 B, 23 rd edition	0.5 -500 mg/L	

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
21	Waste Water	Dissolved Oxygen	APHA 4500-O C, 23 rd edition	0.1 - 25 mg/L
22		Chemical Oxygen Demand	APHA 5220 C, 23 rd edition	1.0 - 1500 mg/L
23		Oil & Grease	APHA 5520 B, 23 rd edition	0.1 -200 mg/L
24		BOD ₅	APHA 5210 B., 23 rd edition	0.1- 200 mg/L
25		Total Suspended Solids	APHA 2540 D, 23 rd edition	1.0 - 1000 mg/L
26		Total Dissolved Solids	APHA 2540 C , 23 rd edition	1.0 -5000.00 mg/L
27	Water & Waste Water	Sampling	APHA 1060 B, 23 rd edition	Not Applicable

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment