



Valid from 15 January 2024
to 14 January 2028
Issued on 20 March 2024

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



ISO/ IEC 17025
TL 052-05

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 052-05

Regional Laboratory – Jaffna
National Water Supply and Drainage Board
No.46. Sivan Pannai Road, Jaffna

Scope of Accreditation: Performing Chemical and Biological testing on Water as per the Test methods appearing in this schedule

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
Chemical Testing				
1.1	Water	Turbidity	APHA 2130 B – 24 th edition	> 0.14 NTU
1.2		Electrical conductivity	APHA 2510 B – 24 th edition	>0.6μS/cm
1.3		Chlorides (as Cl)	APHA 4500 Cl ⁻ B – 24 th edition	>2.7 mg/L
1.4		Total Hardness (as CaCO ₃)	APHA 2340 C – 24 th edition	>1.5 mg/L
1.5		pH at 25±2°C	APHA 4500 H ⁺ B – 24 th edition	>0.04
1.6		Total Alkalinity	APHA 2320 B – 24 th edition	>3 mg/L
1.7		Phosphate	APHA 4500 P E – 24 th edition	>0.04 mg/L
1.8		Fluoride	APHA 4500 F- D – 24 th edition	>0.05 mg/L
1.9		Total Iron	APHA 4500 Fe B – 24 th edition	>0.02 mg/L
1.10		Calcium	APHA 3500 Ca B – 24 th edition	>2 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
Biological Testing				
1.1	Water	Total Coliform	SLS 1461-1-1:2015	1 – 2000 cfu
1.2		<i>E. coli</i>	ISO 9308-1:2014	

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment