



Valid from 13 October 2024
to 12 October 2028
Issued on 16 October 2024

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



ISO/IEC 17025
TL 052 - 06

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 052-06

Biyagama Water Treatment Plant Laboratory
National Water Supply & Drainage Board
Biyagama.

Scope of Accreditation: Chemical Testing on Raw and Treated Water

The Laboratory is accredited for the following tests appear on page 02:

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
	Raw and Treated Water	Turbidity	APHA 2130B 24 th edition, 2023	0.16 – 1000 NTU
		pH	APHA 4500 H B 24 th edition, 2023	1.-13
		Electrical Conductivity	Direct conductivity measurement APHA 2510-B 24 th edition, 2023	4– 1000 μ S / cm
		Chloride (as Cl)	APHA 4500-CL B 24 th edition, 2023, Titration method	4.-250 mg/L
		Total Alkalinity (as CaCO ₃)	APHA 2320 B 24 th edition, 2023, Titration method	8-250 mg /L
		Ammonia (as NH ₃)	HACH 8038 Nessler method	0.02-2.0 mg/L
		Nitrate (as NO ₃)	APHA 4500-NO ³⁻ B 24 th edition, 2023, Spectrophotometer	0.5-7.0 mg/L
		Fluoride (as F)	APHA 4500 F B 24 th edition, 2023, Spectrophotometer	0.1 – 2.0 mg/L
		Total Phosphates (as PO ₄)	HACH 8048 Molybdate method	0.05 – 2.5 mg/L
		Total Hardness (as CaCO ₃)	APHA 2340-C 24 th edition, 2023 Titration method	7– 250 mg /L
	Total Iron (as Fe)	APHA 3500 Fe B 24 th edition, 2023	0.06- 2.0 mg/L	

Director/CEO (Coverup Duties)
Sri Lanka Accreditation Board for Conformity Assessment