



Valid from 13 October 2021
to 12 October 2024
Issued on 13 October 2021

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 / Calibration 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: Performing Chemical Testing on Potable 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
01	Potable Water	Colour	APHA 2120 C Platinum-Cobalt Standard Method, 23 rd edition, 2017	15-500 Pt-Co Units
		Turbidity	APHA 2130B 23 rd edition, 2017	0.1 – 1000 NTU
		pH	APHA 4500 H B 23 rd edition, 2017	1-13
		Electrical Conductivity	Direct conductivity measurement APHA 2510-B 23 rd edition, 2017	2– 1000 μ S / cm
		Chloride (as Cl)	APHA 4500-CL B 23 rd edition, 2017 Titration method	2.-250 mg/L
		Total Alkalinity (as CaCO ₃)	APHA 2320 B 23 rd edition, 2017 Titration method	2-250 mg /L
		Ammonia (as NH ₃)	HACH 8038 Nessler method	0.02-1.0 mg/L
		Nitrate (as NO ₃)	HACH 8039 Cadmium reduction	1.33 – 8.0 mg/L
		Fluoride (as F)	HACH 8029 F D SPADNS	0.1 – 2.0 mg/L
		Total Phosphates (as PO ₄)	HACH 8048 Molybdate method	0.05 – 2.5mg/L
		Total Hardness (as CaCO ₃)	APHA 2340-C 23 rd edition, 2017 Titration method	4 – 250 mg /L
		Total Iron (as Fe)	APHA 3500 Fe B 23 rd edition, 2017	0.02- 3 mg/L