



Valid from 11 September 2019
to 30 November 2020
Issued on 11 September 2019

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



ISO/ IEC 17025
TL 052-04

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 052-04

Regional Laboratory
National Water Supply & Drainage Board
Dehiwala
Panadura.

Scope of Accreditation: Performing Chemical & Biological testing on
Potable Water.

The laboratory is accredited for the tests in page 02.

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
Chemical Testing				
01	Potable Water	Turbidity	APHA 2130B 23rd Edition, 2017	0.5 – 20 NTU
02		pH	APHA 4500 H A 23rd Edition, 2017	1 -14
03		Electrical Conductivity	Direct conductivity measurementt APHA 2510-B 23rd Edition, 2017	0.6 – 200 µS / cm
04		Chloride (as Cl)	APHA 4500-CL B 23rd Edition, 2017	1 - 200 mg/L
05		Total Alkalinity (as CaCO ₃)	APHA 2320 B 23rd Edition, 2017	1 – 200 mg /L
06		Free Ammonia (as NH ₃)	HACH 8038 Free Ammonia (as NH ₃)	0.02 – 2.0 mg/L
07		Fluoride (as F)	HACH 4500 F D Sodium 2-(para sulfo phenylazo)-1,8-dihydroxy-3,6-naphthalene disulfonate SPADNS	0.1 – 2 mg/L
08		Total Hardness (as CaCO ₃)	APHA 2340 C 22nd edition, 2012	2 – 200 mg /L
09		Sulphate (as SO ₄)	HACH 8051 Barium sulfate	2-20 mg/L
10		Total Iron (as Fe)	-HACH 8008 Ferrover	0.02-2 mg/L
Biological Testing				
01	Potable Water	<i>Coliforms</i> and <i>E. coli</i>	Membrane filtration technique / SLS 1461 Part 1:2015 ISO 9308-1 : 2014	> 1/100 ml

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment