SLAB
SRI LANKA
ACCREDITATION BOARD

Valid from 26 November 2020
to 25 November 2023
Issued on 26 November 2020

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

SLAB
ACCREDITED

ISO/ IEC 17025
TL 079-01

Schedule of Accreditation

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

Accreditation Number: TL 079-01

Laboratory of S & D Chemicals (PVT) Ltd., Block A, Biyagama Export Processing Zone, Walgama, Malwana

Scope of Accreditation: Performing Chemical Tests in Water & Waste 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	**Water and Wastewater** (Processing Water, Drinking/Potable Water, RO Water, Bottled Water, Raw Water, Distilled Water, Wastewater, Treated Wastewater)	pH at 25 °C	APHA 23rd Edition 2017: 4500 - H^+ B	1.00 – 13.00
		Electrical Conductivity at 25 °C (µS/cm)	APHA 23rd Edition 2017: 2510 B	5.0 - 2000.0
		Total Alkalinity (as $CaCO_3$ mg/L)	APHA 23rd Edition 2017: 2320 B	1.0 – 200.0
		Total Hardness (as $CaCO_3$ mg/L)	APHA 23rd Edition 2017: 2340 C	5.0 – 500.0
		Chloride (as Cl^- mg/L)	APHA 23rd Edition 2017: 4500 Cl^- B	2.0 – 250.0
		Total Dissolved Solids (mg/L)	APHA 23rd Edition 2017: 2540 C	50.0 – 2000.0
		Total Solids (mg/L)	APHA 23rd Edition 2017: 2540 B	50.0 – 2000.0
		Sulfate (as SO_4^{2-}, mg/L)	APHA 23rd Edition 2017: 4500 SO_4^{2-} C	20.0 – 500.0
		Arsenic (as As) (mg/L)	APHA 23rd Edition 2017: 3120 B	0.05 – 10.00
		Cadmium (as Cd)(mg/L)		0.05 – 10.00
		Calcium (as Ca) (mg/L)		0.10 – 100.00
		Copper (as Cu) (mg/L)		0.05 – 10.00
		Chromium (as Cr) (mg/L)		0.05 – 10.00
		Iron (as Fe) (mg/L)		0.05 – 10.00
		Lead (as Pb) (mg/L)		0.05 – 10.00
		Magnesium (as Mg) (mg/L)		0.10 – 100.00
		Manganese (as Mn) (mg/L)		0.05 – 10.00
		Nickel (as Ni) (mg/L)		0.05 – 10.00
		Potassium (as K) (mg/L)		0.10 – 100.00
		Silver (as Ag) (mg/L)		0.05 – 10.00
		Sodium (as Na) (mg/L)		0.10 – 100.00

Director/CEO

Sri Lanka Accreditation Board for Conformity Assessment