

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



Valid from 01 April 2023
to 25 November 2023
Issued on 02 April 2023



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 and 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 & 03;

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 Processing Water, Drinking/Potable Water, Bottled Water, Raw Water	pH at 25 °C	APHA 4500 - H ⁺ B 23 rd Edition 2017	1.00 – 13.00
		Electrical Conductivity at 25 °C (µS/cm)	APHA 2510 B 23 rd Edition 2017	5.0 - 2000.0
		Total Alkalinity (as CaCO ₃ mg/L)	APHA 2320 B 23 rd Edition 2017	1.0 – 200.0
		Total Hardness (as CaCO ₃ mg/L)	APHA 2340 C 23 rd Edition 2017	5.0 – 500.0
		Chloride (as Cl ⁻ mg/L)	APHA 4500 Cl ⁻ B 23 rd Edition 2017	2.0 – 250.0
		Total Dissolved Solids (mg/L)	APHA 2540 C 23 rd Edition 2017	50.0 – 2000.0
		Total Solids (mg/L)	APHA 2540 B 23 rd Edition 2017	50.0 – 2000.0
		Sulfate (as SO ₄ ²⁻ , mg/L)	APHA 4500 SO ₄ ²⁻ C 23 rd Edition 2017	20.0 – 500.0
		Arsenic (as As) (mg/L)	APHA 3120 B 23 rd Edition 2017	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			

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
02	Water RO Water, Distilled Water	pH at 25 °C	APHA 4500 - H ⁺ B 23 rd Edition 2017	1.00 – 13.00
		Electrical Conductivity at 25 °C (μS/cm)	APHA 2510 B 23 rd Edition 2017	5.0 - 2000.0
		Total Dissolved Solids (mg/L)	APHA 2540 C 23 rd Edition 2017	10.0 – 200.0
03	Waste Water Treated Wastewater and Wastewater	pH at 25 °C	APHA 4500 - H ⁺ B 23 rd Edition 2017	1.00 – 13.00
		Total Dissolved Solids (mg/L)	APHA 2540 C 23 rd Edition 2017	50.0 – 2000.0
		Total Solids (mg/L)	APHA 2540 B 23 rd Edition 2017	50.0 – 2000.0
		Arsenic (as as) (mg/L)	APHA 3120 B 23 rd Edition 2017	0.05 – 10.00
		Cadmium (as Cd) (mg/L)		0.05 – 10.00
		Chromium (as Cr) (mg/L)		0.05 – 10.00
		Lead (as Pb) (mg/L)		0.05 – 10.00
		Nickel (as Ni) (mg/L)		0.05 – 10.00

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment