



Valid from 07 August 2019
to 30 November 2020
Issued on 08 August 2019

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



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 Waste Water	pH at 25 °C	APHA 4500 – H ⁺ B (2017)	3.0 – 11.0
		Electrical Conductivity at 25 °C (μS/cm)	APHA 2510B (2017)	1.0 – 199.9 199.9 – 1999 1999 - 19990
		Total Alkalinity (as CaCO ₃ mg/L)	APHA 2320B (2017)	2.0 – 200.0
		Total Hardness (as CaCO ₃ mg/L)	APHA 2340C (2017)	5.0 – 500.0
		Chloride (as Cl ⁻ mg/L)	APHA 4500 – Cl ⁻ B (2017)	1.0 – 250.0
		Total Dissolved Solids (mg/L)	APHA 2540C (2017)	10 - 2500
		Total Solids (mg/L)	APHA 2540B (2017)	10 - 2500
		Sulfate (as SO ₄ ²⁻ , mg/L)	APHA 4500 – SO ₄ ²⁻ C (2017)	20.0 – 500.0
		Iron (as Fe, mg/L)	APHA 3120B (2017)	0.01 – 10.00
		Sodium (as Na, mg/L)	APHA 3120B (2017)	0.05 – 1000.00
		Potassium (as K, mg/L)	APHA 3120B (2017)	0.5 – 1000.0
		Calcium (as Ca, mg/L)	APHA 3120B (2017)	0.02 – 1000.00
		Cadmium (as Cd, mg/L)	APHA 3120B (2017)	0.01 – 10.00
		Chromium (as Cr, mg/L)	APHA 3120B (2017)	0.01 – 10.00
		Copper (as Cu, mg/L)	APHA 3120B (2017)	0.01 – 100.00
		Magnesium (as Mg, mg/L)	APHA 3120B (2017)	0.05 – 1000.00
		Manganese (as Mn, mg/L)	APHA 3120B (2017)	0.005 – 10.000
		Nickel (as Ni, mg/L)	APHA 3120B (2017)	0.02 – 50.00
		Silver (as Ag, mg/L)	APHA 3120B (2017)	0.01 – 10.00
		Arsenic (as As, mg/L)	APHA 3120B (2017)	0.07 -10.00
Lead (as Pb, mg/L)	APHA 3120B (2017)	0.04 – 10.00		

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment