

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



Valid from 26 November 2023  
to 25 November 2026  
Issued on 01 November 2024



ISO/IEC 17025  
TL 079 - 01

## Schedule of Accreditation

Accreditation Scheme for Testing 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 to 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	Processing Water, Drinking/Potable Water, Bottled Water, Raw Water	pH at 25°C	APHA:4500 H <sup>+</sup> B (24 <sup>th</sup> ed:2023) (page 473 - 478)	4.0 – 10.0
		Electrical Conductivity at 25°C (µS/cm)	APHA:2510 B (24 <sup>th</sup> ed:2023) (page 131 - 135)	0.0 – 2000.0
		Total Alkalinity (as CaCO <sub>3</sub> ) (mg/L)	APHA:2320 B (24 <sup>th</sup> ed:2023) (page 111 - 214)	1.0 – 200.0
		Total Hardness (as CaCO <sub>3</sub> ) (mg/L)	APHA:2340 C (24 <sup>th</sup> ed:2023) (page 123 - 126)	5.0 – 500.0
		Chloride (as Cl <sup>-</sup> ) (mg/L)	APHA:4500 Cl <sup>-</sup> B (24 <sup>th</sup> ed:2023) (page 340 - 341)	2.0 – 250.0
		Total Dissolved Solids (mg/L)	APHA:2540 C (24 <sup>th</sup> ed:2023) (page 145)	50.0 – 2000.0
		Total Solids (mg/L)	APHA:2540 B (24 <sup>th</sup> ed:2023) (page 144)	50.0 – 2000.0
		Sulfate (as SO <sub>4</sub> <sup>2-</sup> ) (mg/L)	APHA:4500 SO <sub>4</sub> <sup>2-</sup> C (24 <sup>th</sup> ed:2023) (page 503 - 504)	20.0 – 500.0
		Arsenic (as As) (mg/L)	APHA:3120 B (24 <sup>th</sup> ed:2023) (page 226 - 231)	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	Treated Wastewater and Wastewater	pH at 25°C	APHA:4500 H <sup>+</sup> B (24 <sup>th</sup> ed:2023) (page 473 - 478)	4.0 – 10.0
		Total Dissolved Solids (mg/L)	APHA:2540 C (24 <sup>th</sup> ed:2023) (page 145)	50.0 – 2000.0
		Total Solids (mg/L)	APHA:2540 B (24 <sup>th</sup> ed:2023) (page 144)	50.0 – 2000.0
		Arsenic (as As) (mg/L)	APHA:3120 B (24 <sup>th</sup> ed:2023) (page 226 - 231)	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
		Manganese (as Mn) (mg/L)		0.05 – 10.00
		Nickel (as Ni) (mg/L)		0.05 – 10.00
		Copper (as Cu) (mg/L)		0.05 – 10.00
Iron (as Fe) (mg/L)	0.05 – 10.00			

Director/CEO (Coverup Duties)

Sri Lanka Accreditation Board for Conformity Assessment