

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 074
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Accreditation No: LAB 074

Awarded to

Global Environmental Lab (Pvt.) Ltd
2nd floor, Aiwan-e-Sanat, ST4/2, Sector-23
Karachi, Pakistan

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc. and shall not mislead its users.

The accreditation was first time granted on **18-07-2014** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**.

The accreditation requires regular surveillance, and is valid until **17-07-2027**.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

26-09-2024
Date

SD
Director General

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Testing Laboratory.

Accreditation Scope of Global Environmental Lab (Pvt.) Ltd, 2nd floor, Aiwan-e-Sanat, ST4/2, Sector-23, Korangi Industrial Area, Karachi, Pakistan

Permanent laboratory premises

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured /technique	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Water/ Waste Water	Environmental Testing	Lead (Pb)	APHA 3030E / AAS (APHA 24 TH Edition)
	-do-	Cadmium (Cd)	APHA 3030E / AAS (APHA 24 TH Edition)
	-do-	Calcium (Ca)	APHA 3500D / Digital Titrator (APHA 24 th Edition)
	-do-	Magnesium (Mg)	APHA 3500E / Digital Titrator (APHA 24 th Edition)
	-do-	Total Hardness as CaCO ₃	APHA 2340C / Digital Titrator (APHA 24 th Edition)
	-do-	Sulphate (SO ₄)	HACH 8051 / DR 3900 Spectrophotometer. HACH , 11 th Edition
	-do-	Flouride (F)	HACH 8029 / DR 2400 Spectrophotometer. HACH , 10 th Edition

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Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured /technique	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Water/ Waste Water	-do-	Copper (Cu)	APHA 3030E / AAS (APHA 24 TH Edition)
	-do-	Iron (Fe)	APHA 3030E / AAS (APHA 24 TH Edition)
	-do-	Nickel (Ni)	APHA 3030E / AAS (APHA 24 TH Edition)
	-do-	COD High Range (0-1500 ppm)	HACH 8000 / DR 3900 Spectrophotometer. HACH , 12 th Edition
	-do-	COD Low Range (0-150 ppm)	HACH 8000 / DR 3900 Spectrophotometer. HACH , 12 th Edition
	-do-	pH (0-14)	pH Meter HI2211 Hanna Instruments
	-do-	Total Dissolved solids (TDS)	APHA Method 2540 C/ Gravimetric analysis(APHA 24 TH Edition)
	-do-	Zinc(Zn)	APHA 3030E / AAS (APHA 24 TH Edition)

26-09-2024
Date

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Director