

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 048
---	-----------------------------------	---

Accreditation No: LAB 048

Awarded to

**National Water Quality Laboratory (NWQL)
Pakistan Council of Research in Water Resource (PCRWR)
Khayaban-e-Johar Road, H-8/1
Islamabad, 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 **31-12-2013** 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 **15-01-2023**

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

16-01-2020
Date

Director General

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 048
---	-----------------------------------	---

Testing Laboratory.

Accreditation Scope of National Water Quality Laboratory (NWQL),
Pakistan Council of Research in Water Resource (PCRWR), Khayaban-e-
Johar Road, H-8/1, Islamabad, Pakistan

Permanent laboratory premises

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Water and Waste Water	environmental testing	Electrical Conductivity	Standard Method, 2510-B (Conductance method) APHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	pH	Standard Method, 4500-H+ B (Electrometric method) APHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	Turbidity	Standard Method, 2130 B (Nephelometric method) APHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	Sodium	Standard Method, 3500 –Na-B PHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	Potassium	Standard Method, 3500 – K-B PHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	Calcium	Standard Method, 3500 – Ca2+-B (EDTA Titrimetric Method) PHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	Hardness	Standard Method, 3500 – Ca2+-B (EDTA Titrimetric Method) PHA, AWWA WEF 23 rd Edition.

16-01-2020

Date

Director



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date: 10/08/15
Rev. No: 07
LAB 048

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Water and Waste Water	environmental testing	Magnesium	Standard Method, 3500 – Ca ²⁺ -B (EDTA Titrimetric Method) PHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	Nitrates	Standard Method, 4500-NO ₃ -B (UV-spectrometric Method) PHA, AWWA WEF 23 rd Edition.
Water and Waste Water	environmental testing	Heterotrophic Plate Count (HPC)	APHA Method 23 rd Edition 9215-B
Water and Waste Water	environmental testing	Total Coliforms	APHA Method 23 rd Edition 9221-B,C 9222-B
Water and Waste Water	environmental testing	Fecal Coliforms	APHA Method 23 rd Edition 9221-E 9222-D
Water and Waste Water	environmental testing	<i>E.coli</i>	APHA Method 23 rd Edition 9221-F & FAO, 1998

16-01-2020

Date

Director