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Accreditation No: LAB 99

Awarded to

**Chemical Laboratory, Quality Control Center (QCC), Pakistan
Standards & Quality Control Authority (PSQCA), Lahore,
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 **15-01-2016** 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 **14-01-2026**.

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

09-06-2023
Date

SD
Director General

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Testing Laboratory

Accreditation Scope of Chemical Laboratory, Quality Control Center (QCC), Pakistan Standards & Quality Control Authority (PSQCA), Lahore, 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
Bottled Drinking Water & Natural Bottled Drinking Water	Environmental Testing	1- Total Dissolved Solids	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 2540 - C Pakistan Standard (PS) 4639-2004 @
		2- Conductivity	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 2510-B
		3- Ph	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 4500-H+ B
		4- Turbidity	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 2130- B
		5- Chloride	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 4500-Cl- B
		6- Sulfate	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 4500-SO4- E
		7- Total Hardness	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 2340-C
		8- Calcium	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 3500-Ca B
		9- Magnesium	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 3500-Mg B
		10-Sodium	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 3500-Na B
		11- Potassium	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 3500-K B

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Bottled Drinking Water & Natural Bottled Drinking Water	Environmental Testing	12- Total Alkalinity	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 2320- B
		13- Fluoride	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 4500-F- D
		14- Nitrate	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 4500-NO3- B
		15- Bicarbonates	APHA Standard Methods for the Examination of Water and Wastewater 23rd edition (2017) 2320- B
Canola Oil, Coconut Oil, Sesame seed Oil, Mustard Oil, & Olive Oil	Food Testing	1. Free Fatty Acids	Official Methods and Recommended Practices of AOCS 7 th Edition, Pakistan
		2. Saponification Value	
		3. Iodine Value	Standard Specification Pakistan Standard (PS-56)
		4. Density	
Cooking Oil, Corn Oil, Refined Palm olein, Soyabean Oil, Sunflower Oil, Palm Oil,	Food Testing	1. Free Fatty Acids	Official Methods and Recommended Practices of AOCS 7 th Edition, Pakistan
		2. Saponification Value	Standard Specification Pakistan Standard (PS-56)
		3. Iodine Value	
Banaspati Ghee & Desi Ghee	Food Testing	1. Free Fatty Acids	Official Methods and Recommended Practices of AOCS 7 th Edition, Pakistan Standard Specification Pakistan Standard (PS-56)

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Director