

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 149</b>
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## **Accreditation No: LAB 149**

**Awarded to**

**Soil and Water Testing Laboratory, opposite Gulshan-e-Iqbal Park,  
G.T Road, Gujranwala-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 **02-07-2018** 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 **01-07-2021**.

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**

15/10/2020  
Date

Sd  
Director General

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### Testing Laboratory.

#### Accreditation Scope of **Soil and Water Testing Laboratory for Research, Gujranwala, 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
1.Nitrogen Fertilizer	Chemical/Fertilizer Testing	Inorganic/organic nitrogen estimation (Ammonical, nitrate and uric)	Official methods of Analysis of AOAC International, 18 <sup>th</sup> Edition, 2005, Current Revision 4 <sup>th</sup> , 2011. Method No. 2.4.05 (Modified Comprehensive Nitrogen Method 978,02,920.03,892.01)
2. Phosphate Fertilizer	Chemical/Fertilizer Testing	Citrate soluble phosphorus estimation	Pakistan standard for Single Super Phosphate (2 <sup>nd</sup> edition) PS: 67-1996. PSQCA. Karachi
3. Potassium Fertilizer	Chemical/Fertilizer Testing	Water soluble potassium estimation	Testing Methods for Fertilizer (2013). Incorporated Administrative Agency. Food and Agriculture Material Inspection Center, Japan
4. Zinc Fertilizer	Chemical/Fertilizer Testing	Water and acid soluble zinc estimation	Official Methods of Analysis of AOAC International, 18 <sup>th</sup> Edition, 2005, Current Revision, 4,2011. Method No. 2.6.01 (AOAC Official Method 965.09), Fertilizer, Chapter2, Subchapter 6,pages 29-30
5. Boron Fertilizer	Chemical/Fertilizer Testing	Water soluble boron estimation	Official Methods of Analysis of AOAC International, 18 <sup>th</sup> Edition, 2005, Current Revision, 4,2011. Method No. 2.6.01 (AOAC Official Method 982.01), Fertilizer, Chapter2, Subchapter 6,pages 28

15/10/2020

Date

Sd

Director