

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 152
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Accreditation No: LAB 152

Awarded to

**Soil and Water Testing Laboratory for Research, Jhang Road,
opposite Rescue 1122, AARI, Faisalabad-38000, 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

28-01-2020

Date

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Director General

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Testing Laboratory.

**Soil and Water Testing Laboratory for Research, Jhang Road,
opposite Rescue 1122, AARI, Faisalabad-38000, 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
Chemical, Organic Fertilizers / Manures	-Chemical analysis	Nitrogen in Fertilizer	(Ammonical and Nitrate) Official Methods of Analysis of AOAC International, 20 th Edition, 2016, Current Revision 4 th 2016. Method No. 2.4.10 (AOAC Official Method 892.01), Fertilizers Chapter 2 Subchapter 6, Page 15-16
			(Total) Official Methods of Analysis of AOAC International, 20 th Edition, 2016, Current Revision 4 th 2016. Method No. 2.4.05 (AOAC Official Method 955.04), Fertilizers Chapter 2 Subchapter 6, Page 13-14
		Phosphorus in Fertilizer	Pakistan Standard for Single super Phosphate (2 nd Edition) PS:67-1996. Pakistan Standard & Quality Control Authority, Karachi.
		Potassium in Fertilizer	Standard Operating and Service Manual of Flamephotometer PFP7, Section 3, P 11-13.
		Zinc in Fertilizer	Official Methods of Analysis of AOAC International, 20 th Edition, 2016, Current Revision, 4, 2011. Method No. 2.6.31 (AOAC Official Method 975.02), Fertilizers, Chapter 2, Subchapter 6, Page 40
		Boron in Fertilizer	Official Methods of Analysis of AOAC

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		<p>Humic Acid in Fertilizer</p> <p>Organic matter in Fertilizer</p> <p>Iron in Fertilizer</p> <p>Copper in Fertilizer</p> <p>Manganese in Fertilizer</p>	<p>International, 20th Edition, 2016, Current Revision, 3, 2006. Method No. 2.6.04 (AOAC Official Method 982.01), Fertilizers Chapter 2, Subchapter 6, Page 31.</p> <p>F J. Stevenson, J. Environ. Quality, 1972, Vol 1, page 333,</p> <p>Official methods of Analysis of AOAC International, 20th Ed., 2016, Method No. 2.7.08 (AOAC Official Method 967.05), fertilizer, Chapter 2, Subchapter 7, page 54</p> <p>Official Methods of Analysis of AOAC International, 20th Edition, 2016, Current Revision, 4, 2016. Method No. 2.6.15 (AOAC Official Method 980.01), Fertilizers, Chapter2, Subchapter 6, Page 35.</p> <p>Official Methods of Analysis of AOAC International, 20th Edition, 2016, Current Revision, 4, 2016. Method No. 2.6.11 (AOAC Official Method 975.01), Fertilizers, Chapter2, Subchapter 6, Page 33</p> <p>Official Methods of Analysis of AOAC International, 20th Edition, 2016, Current Revision, 4, 2016. Method No. 2.6.25 (AOAC Official Method 972.03), Fertilizers, Chapter2, Subchapter 6, Page 38.</p>
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28-01-2020

Date

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Director