

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02</b> <b>Issue Date: 18/08/2020</b> <b>Rev. No: 09</b> <b>LAB 155</b>
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## **Accreditation No: LAB 155**

**Awarded to**

### **Pesticide Quality Control, Laboratory Old Shujabad Road Govt. Agricultural Farm, Multan, 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 **09-07-2018** 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 **08-07-2024**.

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**

**13-12-2021**

**Date**

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**Director General**

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### Testing Laboratory.

Accreditation Scope of **PESTICIDE QUALITY CONTROL LABORATORY MULTAN, PAKISTAN**

**Permanent laboratory premises: Govt. Agricultural Farm old Shujabad Road, Multan,**

<b>Materials / Products tested</b>	<b>Testing field (e.g. environmental testing or mechanical testing)</b>	<b>Types of test/ Properties measured</b>	<b>Reference to standardized method (e.g. ISO 14577- 1:2003)/ Internal method reference</b>
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Acetamiprid PQCLM/SOP/L3/001-01(CIPAC Method 2005, Volume L Method No. 649 pp.4-15) HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Bifenthrin PQCLM/SOP/L3/001-04 (In house Validated Method Based on National Laboratory Association (NLA), South Africa. Proficiency Testing Method). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Lufenuron PQCLM/SOP/L3/001-14 (In house Validated Method Based on National Laboratory Association (NLA), SouthAfrica.) Proficiency Testing Method). HPLC

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Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Pendimethalin PQCLM/SOP/L3/001-22 (Lab Developed Method and Validated based on CIPAC Method 2009, Volume M Method No.357 p.149-15). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Fluroxypyr Meptyl PQCLM/SOP/L3/001-11 (Lab Developed Method and Validated based on DOW CHEMICAL Co. Ltd. pp.1-111). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of MCPA Isooctyl PQCLM/SOP/L3/001-17 (Lab Developed Method and Validated based on DOW CHEMICAL Co. Ltd. pp.1-111). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Emamectin PQCLM/SOP/L3/001-08 Lab Developed Method and Validated Method based on Pak China Co. pp.01-04 and Validated. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Pyriproxyfen PQCLM/SOP/L3/001-31 (Lab Developed Method and Validated based on CIPAC Method 2009, Volume M Method No. 715 pp.180-188). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Azoxystrobin PQCLM/SOP/L3/001-03 (Lab Developed Method based on Agilent Technologies, Chemistry Department pp.01-11). HPLC

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Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Difenconazole PQCLM/SOP/L3/001-07 (Lab Developed Method and Validated based on Agilent Technologies, Chemistry Department pp.01-11). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Diafenthiuron PQCLM/SOP/L3/001-06 (Lab Developed Method and Validated based on CIBA. pp.01-04). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Atrazine PQCLM/SOP/L3/001-02 (Lab Developed Method based on Agilent Technologies, Chemistry Department pp.01-11 and Validated). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Trichlorfon PQCLM/SOP/L3/001-35 (Lab Developed Method based on Warble Pvt. Ltd.Method pp.01-02 and Validated). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Matrin PQCLM/SOP/L3/001-16 (Lab Developed Method based on Suncrop Pesticides Method pp.01-05 and Validated). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Cymoxanil PQCLM/SOP/L3/001-05 (CIPAC Method 2002, Volume J Method No. 419 pp.419-424 and Validated). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Fenpropathrin PQCLM/SOP/L3/001-10 (Lab Developed Method based on Agilent Technologies, Chemistry Department pp.01-11 and Validated). HPLC

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Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Oxydiargyl PQCLM/SOP/L3/001-20 (Lab Developed Method based on Bayer Crop Sciences Method pp.01-02
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Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Pyrazusulfuron Methyl PQCLM/SOP/L3/001-28 (Lab Developed Method. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Metiram Lab Developed Methodbased on FMC method,pp.01-03 and Validated. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Gamma Cyhalothrin PQCLM/SOP/L3/001-12 Lab Developed Method andValidated. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Mathomyl PQCLM/SOP/L3/001-15(CIPAC Method 1999, Volume H Method No. 419 pp.199-204). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Pyridaben PQCLM/SOP/L3/001-29(CIPAC Method 2002, Volume J Method No. pp.95-100 Modified and Validated in House). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Fenoxaprop P PQCLM/SOP/L3/001-09 In House developed and Validated Method. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Profenofos PQCLM/SOP/L3/001-24 In House developed and Validated Method. HPLC

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Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Propiconazole PQCLM/SOP/L3/001-26 In House developed and Validated Method. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Penconazole PQCLM/SOP/L3/001-21 In House Validated Methodbased on Dicamba Methodfrom NLA, South Africa. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Sulphur PQCLM/SOP/L3/001-32 In House Validated MethodBased on Tara Chemical Method. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Propamocarb PQCLM/SOP/L3/001-25 In House Validated Methodbased on CIPAC Vol E p. 183. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Omethoate PQCLM/SOP/L3/001-19 (In House Validated Methodbased on CIPAC Vol E p. 159). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Triademifon PQCLM/SOP/L3/001-34 In House Validated Methodbased on CIPAC Vol E p. 324. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Phorate PQCLM/SOP/L3/001-23 (In House Validated Methodbased on Lufenuron NLA, South Africa Method). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Pyrimethanil PQCLM/SOP/L3/001-30) (In House Validated Method based on Dicamba Method fromNLA, South Africa. HPLC

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Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Tebufenozide PQCLM/SOP/L3/001-33) (In House Validated Methodbased on Dicamba Method from NLA, South Africa). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Pyraclostrobin PQCLM/SOP/L3/001-27) (In House Validated Methodbased on CIPAC Vol M, p. 170. HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Lactofen PQCLM/SOP/L3/001- 13 (In House Validated Methodbased on Lufenuron Methodfrom NLA, South Africa). HPLC

Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Amatrín PQCLM-SOP-L3-36 (Lab Developed Method based on Agilent Technologies, Chemistry Department pp.01-11 and Validated). HPLC
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of MCPA Sodium PQCLM-SOP-L3-37 Validated method based on SunCrop Method
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Pyrifluquinazol PQCLM-SOP-L3-38 Validated method based on CIPAC-E
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Cyhalofop Butyl PQCLM-SOP-L3-39 Validated method based on Sygenta Method
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Spiromecifen PQCLM-SOP-L3-40 Validated method based on Chem Service, USA. HPLC

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Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Spirotetramate PQCLM-SOP-L3-41 Validated method based on Bayer Method
Pesticide Testing	Chemical Testing	<b>HPLC</b>	Determination of Flucarbazone sodium PQCLM-SOP-L3-42 Validated method based on Shandong Binnong Method

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