

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02</b> <b>Issue Date: 18/08/2020</b> <b>Rev. No: 09</b> <b>LAB 150</b>
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## **Accreditation No: LAB 150**

**Awarded to**

### **Pesticide Quality Control Laboratory, Gulberg Road Near Model Town A, Bahawalpur, 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 **10-07-2018** 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 **09-07-2021**.

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**

**30-11-2020**

**Date**

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**Director General**



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**Testing Laboratory.**

Accreditation Scope of Pesticide Quality Control Laboratory, Gulberg Road Near Model Town A, Bahawalpur, 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
Pesticide Formulation/ Carbosulfon	Pesticide Testing	Quantitative determination of Carbosulfon (active ingredient)	PQCLB/SOP/L3/006-2 Method validated based on CIPAC Hand Book Volume: E, Page #35-41. HPLC
Pesticide Formulation/ Fipronil	Pesticide Testing	Quantitative determination of Fipronil (active ingredient)	PQCLB/SOP/L3/006-1 Method validated based on CIPAC Hand Book Volume: J, Page #60-65. HPLC
Pesticide Formulation/ Metalaxyl	Pesticide Testing	Quantitative determination of Metalaxyl (active ingredient)	PQCLB/SOP/L3/006-4 Method validated based on A2S (Analytical Standard Solutions Company), France. HPLC
Pesticide Formulation/ Bifenthrin	Pesticide Testing	Quantitative determination of Bifenthrin (active ingredient)	PQCLB/SOP/L3/006-3 Method validated on the basis of method of NLA (PT provider), South Africa. HPLC
Pesticide Formulation / Metolachlor	Pesticide Testing	Quantitative determination of Metolachlor (active ingredient)	PQCLB/SOP/L3/006-5 Method validated on the basis of method of NLA (PT provider), South Africa. HPLC

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Pesticide Formulation / Clothianidin	Pesticide Testing	Quantitative determination of Clothianidin (active ingredient)	PQCLB/SOP/L3/006-6 Method validated based on CIPAC Volume: N, Page #14-24. HPLC
Pesticide Formulation / Chlorothalonil	Pesticide Testing	Quantitative determination of Chlorothalonil (active ingredient)	PQCLB/ /SOP/L3/006-7 Validated method based on The Japan Society for analytical chemistry, Analytical Sciences 2009 volume 25. HPLC
Pesticide Formulation / Fluroxypyr-Meptyl	Pesticide Testing	Quantitative determination of Fluroxypyr-Meptyl (active ingredient)	PQCLB/SOP/L3/006-8 Validated method based on Sigma-Aldrich Laborchemikalien GmbH Quality Management SA-LC. HPLC
Pesticide Formulation / Lufenuron	Pesticide Testing	Quantitative determination of Lufenuron (active ingredient)	PQCLB/SOP/L3/006-9 Method validated on the basis of method of NLA (PT provider), South Africa. HPLC
Pesticide Formulation / Diafenthiuron	Pesticide Testing	Quantitative determination of Diafenthiuron (active ingredient)	PQCLB/SOP/L3/006-10 Validated method based on HPC Standards GmbH, Germany. HPLC
Pesticide Formulation / Chlorfenapyr	Pesticide Testing	Quantitative determination of Chlorfenapyr (active ingredient)	PQCLB/SOP/L3/006-11 Method validated based on CIPAC Volume: O, Page #22-30. HPLC
Pesticide Formulation / Pendimethalin	Pesticide Testing	Quantitative determination of Pendimethalin (active ingredient)	PQCLB/SOP/L3/006-12 Lab Developed method based on CIPAC volume M, Page No. 149-154 and validated. HPLC

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Pesticide Formulation / Lambda-Cyhalothrin	Pesticide Testing	Quantitative determination of Lambda cyhalothrin (active ingredient)	PQCLB/SOP/L3/006-13 Validated method based on ASTM International (American Society for Testing and Materials) volume 36, 2016 page No. 102-112. HPLC
Pesticide Formulation / Pyriproxyfen	Pesticide Testing	Quantitative determination of Pyriproxyfen (active ingredient)	PQCLB/SOP/L3/006-14 Validated method based on CIPAC volume M, Page No. 180-188. HPLC
Pesticide Formulation/ Thiamethoxam	Pesticide Testing	Quantitative determination of Thiamethoxam (active ingredient)	PQCLB/SOP/L3/006-15 Validated method based on NLA-PT-T-P-21-01.HPLC
Pesticide Formulation/ Iodosulfuron	Pesticide Testing	Quantitative determination of Iodosulfuron (active ingredient)	PQCLB/SOP/L3/006-16 Validated method based on AgrEvo GmbH, Germany. HPLC
Pesticide Formulation/ Acephate	Pesticide Testing	Quantitative determination of Acephate (active ingredient)	PQCLB/SOP/L3/006-17 Validated method based on Bayer Crop Science, (Pvt) Ltd. HPLC
Pesticide Formulation/ Abamectin	Pesticide Testing	Quantitative determination of Abamectin (active ingredient)	PQCLB/SOP/L3/006-18 Validated method based on FMC United (Pvt) Ltd. HPLC
Pesticide Formulation/ Deltamethrin	Pesticide Testing	Quantitative determination of Deltamethrin (active ingredient)	PQCLB/SOP/L3/006-19 Validated method based on NLA-PT-T-P-07-04. HPLC

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Pesticide Formulation/ Clopyralid	Pesticide Testing	Quantitative determination of Clopyralid (active ingredient)	PQCLB/SOP/L3/006-22 Validated method based on NLA-PT-T-P-21-01. HPLC
Pesticide Formulation/ Penoxadin	Pesticide Testing	Quantitative determination of Penoxadin (active ingredient)	PQCLB/SOP/L3/006-21 Validated method based on Chem Service, USA. HPLC
Pesticide Formulation/ Florasulam	Pesticide Testing	Quantitative determination of Florasulam (active ingredient)	PQCLB/SOP/L3/006-20 Validated method based on Australian Pesticides and Veterinary Medicines Authority 2007. HPLC
Pesticide Formulation/ Mesosulfuron	Pesticide Testing	Quantitative determination of Mesosulfuron (active ingredient)	PQCLB/SOP/L3/006-23 Validated method based on AgrEvo GmbH, Germany. HPLC
Pesticide Formulation/ Flusilazole	Pesticide Testing	Quantitative determination of Flusilazole (active ingredient)	PQCLB/SOP/L3/006-24 Validated method based on A2S (Analytical Standard Solutions Company), France. HPLC
Pesticide Formulation/ Flutriafol	Pesticide Testing	Quantitative determination of Flutriafol (active ingredient)	PQCLB/SOP/L3/006-25 Validated method based on A2S (Analytical Standard Solutions Company), France. HPLC
Pesticide Formulation/ Haloxypop-p-methyl	Pesticide Testing	Quantitative determination of Haloxypop-p-methyl (active ingredient)	PQCLB/SOP/L3/006-26 In house developed and validated method. HPLC
Pesticide Formulation/	Pesticide Testing	Quantitative determination of	PQCLB/SOP/L3/006-27 In house developed and

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Sulfoxaflor		Sulfoxaflor (active ingredient)	validated method. HPLC
Pesticide Formulation/ Pyroxulam	Pesticide Testing	Quantitative determination of Pyroxulam (active ingredient)	PQCLB/SOP/L3/006-28 Validated method based on Institute of plant protection , Chinese Academy of Agriculture Science, Beijing 100094 China. HPLC
Pesticide Formulation/ Quinalofop-p-methyl	Pesticide Testing	Quantitative determination of Quinalofop-p-methyl (active ingredient)	PQCLB/SOP/L3/006-29 Validated method based on NLA-PT-T-P-07-04. HPLC
Pesticide Formulation/ Triazophos	Pesticide Testing	Quantitative determination of Triazophos (active ingredient)	PQCLB/SOP/L3/006-30 Validated method based on NLA-PT-T-P-07-04. HPLC
Pesticide Formulation/ Spiromecifen	Pesticide Testing	Quantitative determination of Spiromecifen (active ingredient)	PQCLB/SOP/L3/006-31 Validated method based on Chem Service, USA. HPLC
Pesticide Formulation/ Thiacloprid	Pesticide Testing	Quantitative determination of Thiacloprid (active ingredient)	PQCLB/SOP/L3/006-32 Validated method based on NLA-PT-T-P-07-04. HPLC
Pesticide Formulation/ Sulfosulfuron	Pesticide Testing	Quantitative determination of Sulfosulfuron (active ingredient)	PQCLB/SOP/L3/006-33 Validated method based on NLA-PT-T-P-21-01. HPLC
Pesticide Formulation/ Nitenpyram	Pesticide Testing	Quantitative determination of Nitenpyram (active ingredient)	PQCLB/SOP/L3/006-34 Validated method based on NLA-PT-T-P-07-03. HPLC

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