



ACCREDITATION DOCUMENT

F-06/02
Issue Date: 18/08/2020
Rev. No: 09
LAB 147

Accreditation No: LAB 147

Awarded to

**Pesticide Quality Control Laboratory, ISC&ES, Jhang Road,
Faisalabad, 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 17025:2017**.

The accreditation requires regular surveillance, and is valid until **01-07-2027**.

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

10-04-2025

Date

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Director General



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Testing Laboratory.

Accreditation Scope of of M/s **Pesticide Quality Control Laboratory,**
ISC&ES, Jhang Road, Faisalabad, Pakistan.

Permanent laboratory premises

Materials/Product s 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
Imidacloprid	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-01 CIPAC Method No. 582 Vol. H
Thiophenate Methyl	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP- L3-02 CIPAC Method No. 262 Vol. D
Bifenthrin	Pesticide quality control	Gas Chromatography/ Concentration, High Performance Liquid Chromatography/ Concentration	PQCL- SOP-L3- 03 AOAC Official Method of analysis (2011) Method No. 2010.03, Bifenthrin in technical and selected formulated products Ch. No. 10. PT Provider National Laboratory Association, South Africa(NLA), Method.
Cypermethrin	Pesticide quality control	Gas Chromatography/ Concentration	PQCL- SOP-L3-04 AOAC Official Method of Analysis (2000), Method No. 986.02, CIPAC AOAC method Ch. 07 Cypermethrin in pesticide formulation
Lufenuron	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCL- SOP- L3-05 PT Provider National Laboratory Association, South Africa(NLA), Method
Chlorfenapyr	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-06 CIPAC Method No. 570, Vol. O, Page No. 22
Clothianidin	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF- SOP- L3-07 CIPAC Method No. 262 Vol. N

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Dinotefuran	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3- 08 CIPAC Method No. 749 Vol. L
Fluroxypyr Meptyl	Pesticide quality control	Gas Chromatography/ Concentration, High Performance Liquid Chromatography/ Concentration.	PQCLF-SOP-L3-09 Method: FMC United Pvt. Ltd.
Mesotrione	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-10 Method: Tara Group, Pakistan
Bromothalonil	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP- L3-11 Method: Kanzo AG
Quintozine	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF- SOP- L3-12 Method: Kanzo AG
Aclonifen	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-13 Method: Bayer Pakistan (Pvt) Ltd.
Novaluron	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-14 CIPAC Method No. 672, Vol.-L
Fenpyroximate	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-15 Method: Kanzo Ag.
Methoxyfenazoid	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-16 Method: AgChem.
Tribenuron Methyl	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-17 CIPAC Method No. 546, Vol. K
Bensulfuron Methyl	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-18 CIPAC Method No. 502, Vol. K
Iprodione	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-19 PT Provider, Association of American Pesticide Control Official (AAPCO), Method
Carfentrazon Ethyl	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-20 Method: FMC UNITED PVT. LIMITED.

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Hexaconazole	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-21 Method: JAFFER BROTHERS.
Acetochlor	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-22 Method: TARA GROUP PAKISTAN.
Nicosulfuron	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-23 Method: SINO CHEM
Linuron	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-24 Method: Kanzo Ag.
Halosulfuron Methyl	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-25 Method: FMC.
Tralkoxydim	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-26 Method: Kanzo Ag .
Fluazinam	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-28 Chem Service
Dichlorvos	Pesticide quality control	High Performance Liquid Chromatography/ Concentration, Gas Chromatography/ Concentration	PQCLF-SOP-L3-27 Method: CIPAC, Tara Group Pakistan.
Isoproturon	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-29 Method: Agrolet Chemical Industries.
Metribuzin	Pesticide quality control	Gas Chromatography/ Concentration.	PQCLF-SOP-L3-30 Method: Warble (Pvt) Limited.
S-Metolachlor	Pesticide quality control	Gas Chromatography/ Concentration, High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-31 Method: Syngenta Limited, PT Provider National Laboratory Association, South Africa (NLA), Method.
Iprobenfos	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-32 Company Method
Kasugamycin	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-33 Method: HOKKO Chem. Industries

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Melathione	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-34 Method : CIPAC Vol. D.
Azoxystrobin	Pesticide quality control	High Performance Liquid Chromatography/ Concentration, Gas Chromatography/ Concentration.	PQCLF-SOP-L3-35 Method: TARA GROUP PAK, CIPAC.
Flumorph	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-36 Method : Kanzo AG
Flumetsulam	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-37 Method : SHANDONG UNITED PESTICIDE INDUSTRY CO., LTD.
Fluoxastrobin	Pesticide quality control	High Performance Liquid Chromatography/ Concentration, Gas Chromatography/ Concentration	PQCLF-SOP-L3-38 Method : Arysta Life Sciences, Company Method.
Indoxacrab	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-39 Method : Kanzo Ag.
Oxyflorfen	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-40 Method : Kanzo Ag.
Pinoxasulam	Pesticide quality control	High Performance Liquid Chromatography/ Concentration	PQCLF-SOP-L3-41 Method : Daw Agro Sciences.
Pinoxadin	Pesticide quality control	High Performance Liquid Chromatography/ Concentration, Gas Chromatography/ Concentration	PQCLF-SOP-L3-42 Method : SYNGENTA PVT. LTD.
Dicamba	Pesticide quality control	High Performance Liquid Chromatography/ Concentration, Gas Chromatography/ Concentration	PQCLF-SOP-L3-43 Method : PT Provider National Laboratory Association, South Africa(NLA), Method
Metolachlor	Pesticide quality control	High Performance Liquid Chromatography/ Concentration, Gas Chromatography/ Concentration	PQCLF-SOP-L3-44 Method : PT Provider National Laboratory Association, South Africa(NLA), Method

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Azocyclotin	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-45 Company Method
Benalaxyl-M	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-46 Company Method: SAC/TM-23
Rimsulfuron	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-47 CIPAC Method No. 716, Vol.-M, Page No. 189
Metsulfuron Methyl	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-48 CIPAC method , Vol.-H, Page No. 204
Penflufen	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-49 Company Method: Bayer Pvt. Ltd.
Isoxaflutol	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-50 Company Method: Bayer Pvt. Ltd.
Lambda Cyhalothrin	Pesticide quality control	Gas Chromatography/ Concentration, High performance liquid chromatography/ concentration	PQCLF-SOP-L3-51 CIPAC Method , Vol.E, Page, 49, PT Provider National Laboratory Association, South Africa(NLA), Method
Beta Cyfluthrin	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-52 CIPAC Method , Vol.H, Page, 43
Emamectin Benzoate	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-53 Company method, Pak China Chemicals
Carbofuron	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-54 CIPAC method No.276,Vol, D Pg, 20-23,
Monomehypo	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-55 Company method, Pak China Agro Chemicals
Fipronil	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-56 CIPAC method No.581, Vol, J, Pg. 60
Bromoxynil Octanoate	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-57 CIPAC Method, Vol-1C, Pag.No.1998



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MCPA Iso Octyl	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-58 CIPAC Method, Vol-1C, Pag.No.2309
Chlorpyrifos	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-59 CIPAC Method, Vol-1C, Pag.No.2028
Carbosulfan	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-60 Company Method: Tara Pvt. Ltd.
Abamectin	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-61 Company Method. Bayer.
Acephate	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-62 CIPAC.
Atrazine	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-63 CIPAC.
Bispyribac sodium	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-64 Company Method. FMC.
Buprofezine	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-65 Company Method. Warble.
Butachlor	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-66 CIPAC.
Cartap HCL	Pesticide quality control	UV-Visible Spectrophotometer.	PQCLF-SOP-L3-67 CIPAC.
Chlorantraniliprol e	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-68 Company Method Leader Agro.
Clodinafop Propargyl	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-69 CIPAC

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Clopyralid	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-70 Company Method Kanzo Agro.
Copper Hydro Oxide	Pesticide quality control	Chemical	PQCLF-SOP-L3-71 CIPAC
Copper Oxy Chloride	Pesticide quality control	Chemical	PQCLF-SOP-L3-72 CIPAC
Diafenthiuron	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-73 Company Method Syngenta.
Difenconazole	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-74 Company Method Syngenta
Dimethoate	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-75 Company Method Warble.
Fenoxaprop-P-Ethyl	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-76 Company Method Bayer.
Flubendamide	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-77 Company Method Bayer.
Fludioxanil	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-78 Company Method Syngenta.
Flunicamide	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-79 Company Method Kanzo Agro.
Flurasulam	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-80 Company Method Leader Agro.
Fosetyl aluminium	Pesticide quality control	Chemical / concentration, High performance liquid chromatography/ Concentration	PQCLF-SOP-L3-81 Chemical method, Company Method Bayer.

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Iodosulfuran	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-82 Company Method Bayer.
Mancozeb	Pesticide quality control	Chemical	PQCLF-SOP-L3-83 CIPAC
Mesosulfuron methyl	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-84 Company Method Bayer.
Metalaxyl	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-85 Company Method Kanzo Agro.
Nitenpyram	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-86 Company Method Tara.
Omethoate	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-87 Company Method
Pendimethalin	Pesticide quality control	Gas Chromatography/ Concentration /High performance liquid chromatography/ concentration	PQCLF-SOP-L3-88 CIPAC
Pertilachlor	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-89 Company Method Syngenta.
Profenofos	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-90 Company Method Syngenta.
Propineb	Pesticide quality control	Chemical	PQCLF-SOP-L3-91 CIPAC.
Pymetrozine	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-92 Company Method Tara.
Pyriproxyfen	Pesticide quality control	Gas Chromatography/ Concentration /High performance liquid chromatography/ concentration	PQCLF-SOP-L3-93 CIPAC.

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Quizalofop-p-Ethyl	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-94 Company Method Ali Akbar.
Sulphur	Pesticide quality control	Chemical	PQCLF-SOP-L3-95 CIPAC.
Tebuconazole	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-96 Company Method Bayer.
Trichlorforn	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-97 Company Method Bayer.
Triademifon	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-98 CIPAC.
Benzisothiazolinon	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-99 Company Method Warble.
Bipyrazone	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-100 Company Method Sun Crop.
Chlorothalonil	Pesticide quality control	Gas Chromatography/ Concentration	PQCLF-SOP-L3-101 Company Method Arysta.
Thiacloprid	Pesticide quality control	High performance liquid chromatography/ concentration	PQCLF-SOP-L3-102 CIPAC.