

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 155
---	-----------------------------------	---

Accreditation No: LAB # 155

Awarded to

**PESTICIDE QUALITY CONTROL LABORATORY MULTAN,
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 **08-07-2021**.

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

26-10-2020
Date

Sd
Director General

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 155
---	-----------------------------------	---

Testing Laboratory.

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

Permanent laboratory premises **Govt Agriculture Farm Old Shujaabad Road Multan**

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
Acetamiprid Formulations and Technical	Chemical Testing	Quantitative determination of Acetamiprid (Active Ingredient)	PQCLM/SOP/L3/001-01 (CIPAC Method 2005, Volume L Method No. 649 pp.4-15) HPLC
Bifenthrin Formulations and Technical		Quantitative determination of Bifenthrin (Active Ingredient)	PQCLM/SOP/L3/001-04 (In house Validated Method Based on National Laboratory Association (NLA), South Africa. Proficiency Testing Method). HPLC
Lufenuron Formulations and Technical		Quantitative determination of Lufenuron (Active Ingredient)	PQCLM/SOP/L3/001-14 (In house Validated Method Based on National Laboratory Association (NLA), South Africa.) Proficiency Testing Method). HPLC
Pendimethalin Formulations and Technical		Quantitative determination of Pendimethalin (Active Ingredient)	PQCLM/SOP/L3/001-22 (Lab Developed Method and Validated based on CIPAC Method 2009, Volume M Method No. 357 p.149-15). HPLC

26-10-2020
Date

Sd
Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 155
---	-----------------------------------	---

Fluroxypyr Meptyl Formulations and Technical		Quantitative Determination of Fluroxypyr Meptyl (Active Ingredient)	PQCLM/SOP/L3/001-11 (Lab Developed Method and Validated based on DOW CHEMICAL Co. Ltd. pp.1-111). HPLC
MCPA Isooctyl Formulations and Technical		Quantitative Determination of MCPA Isooctyl (Active Ingredient)	PQCLM/SOP/L3/001-17 (Lab Developed Method and Validated based on DOW CHEMICAL Co. Ltd. pp.1-111). HPLC
Emamectin Benzoate Formulations and Technical		Quantitative Determination of Emamectin Benzoate (Active Ingredient)	PQCLM/SOP/L3/001-08 Lab Developed Method and Validated Method based on Pak China Co. pp.01-04 and Validated. HPLC
Pyriproxyfen Formulations and Technical		Quantitative Determination of Pyriproxyfen (Active Ingredient)	PQCLM/SOP/L3/001-31 (Lab Developed Method and Validated based on CIPAC Method 2009, Volume M Method No. 715 pp.180-188). HPLC
Azoxystrobin Formulations and Technical		Quantitative Determination of Azoxystrobin (Active Ingredient)	PQCLM/SOP/L3/001-03 (Lab Developed Method based on Agilent Technologies, Chemistry Department pp.01-11). HPLC
Difenconazole Formulations and Technical		Quantitative Determination of Difenconazol (Active Ingredient)	PQCLM/SOP/L3/001-07 (Lab Developed Method and Validated based on Agilent Technologies, Chemistry Department pp.01-11). HPLC

26-10-2020
Date

Sd
Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 155
---	-----------------------------------	---

Diafenthiuron Formulations and Technical		Quantitative Determination of Diafenthiuron (Active Ingredient)	PQCLM/SOP/L3/001-06 (Lab Developed Method and Validated based on CIBA. pp.01-04). HPLC
Atrazine Formulations and Technical		Quantitative Determination of Atrazine (Active Ingredient)	PQCLM/SOP/L3/001-02 (Lab Developed Method based on Agilent Technologies, Chemistry Department pp.01-11 and Validated). HPLC
Trichlorfon Formulations and Technical		Quantitative Determination of Trichlorfon (Active Ingredient)	PQCLM/SOP/L3/001-35 (Lab Developed Method based on Warble Pvt. Ltd.Method pp.01-02 and Validated). HPLC
Matrin Formulations and Technical		Quantitative Determination of Matrin (Active Ingredient)	PQCLM/SOP/L3/001-16 (Lab Developed Method based on Suncrop Pesticides Method pp.01-05 and Validated). HPLC
Cymoxanil Formulations and Technical		Quantitative Determination of Cymoxanil (Active Ingredient)	PQCLM/SOP/L3/001-05 (CIPAC Method 2002, Volume J Method No. 419 pp.419-424 and Validated). HPLC
Fenpropathrin Formulations and Technical		Quantitative Determination of Fenpropathrin (Active Ingredient)	PQCLM/SOP/L3/001-10 (Lab Developed Method based on Agilent Technologies, Chemistry Department pp.01-11 and Validated). HPLC
Oxydiargyl Formulations and Technical		Quantitative Determination of Oxydiargyl (Active Ingredient)	PQCLM/SOP/L3/001-20 (Lab Developed Method based on Bayer Crop Sciences Method pp.01-02

26-10-2020
Date

Sd
Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 155
---	-----------------------------------	---

Pyrazusulfuron Methyl Formulations and Technical		Quantitative Determination of Pyrazusulfuron Methyl (Active Ingredient)	and Validated). HPLC PQCLM/SOP/L3/001-28 (Lab Developed Method. HPLC)
Metiram Formulations and Technical		Quantitative Determination of Metiram (Active Ingredient)	Lab Developed Method based on FMC method, pp.01-03 and Validated. HPLC
Gamma Cyhalothrin Formulations and Technical		Quantitative Determination of Gamma Cyhalothrin (Active Ingredient)	PQCLM/SOP/L3/001-12 Lab Developed Method and Validated. HPLC
Mathomyl Formulations and Technical		Quantitative Determination of Mathomyl (Active Ingredient)	PQCLM/SOP/L3/001-15 (CIPAC Method 1999, Volume H Method No. 419 pp.199-204). HPLC
Pyridaben Formulations and Technical		Quantitative Determination of Pyridaben (Active Ingredient)	PQCLM/SOP/L3/001-29 (CIPAC Method 2002, Volume J Method No. pp.95-100 Modified and Validated in House). HPLC
Fenoxaprop P methyl Formulations and Technical		Quantitative Determination of Fenoxaprop P methyl (Active Ingredient)	PQCLM/SOP/L3/001-09 In House developed and Validated Method. HPLC
Profenofos Formulations and Technical		Quantitative Determination of Profenofos (Active Ingredient)	PQCLM/SOP/L3/001-24 In House developed and Validated Method. HPLC
Propiconazole Formulations and Technical		Quantitative Determination of Propiconazole (Active Ingredient)	PQCLM/SOP/L3/001-26 In House developed and Validated Method. HPLC

26-10-2020
Date

Sd
Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 155
---	-----------------------------------	---

Penconazole Formulations and Technical		Quantitative Determination of Penconazole (Active Ingredient)	PQCLM/SOP/L3/001-21 In House Validated Method based on Dicamba Method from NLA, South Africa. HPLC
Sulphur Formulations and Technical		Quantitative Determination of Sulphur (Active Ingredient)	PQCLM/SOP/L3/001-32 In House Validated Method Based on Tara Chemical Method. HPLC
Propamocarb Hydrochloride Formulations and Technical		Quantitative Determination of Propamocarb Hydrochloride (Active Ingredient)	PQCLM/SOP/L3/001-25 In House Validated Method based on CIPAC Vol E p. 183. HPLC
Omethoate Formulations and Technical		Quantitative Determination of Omethoate (Active Ingredient)	PQCLM/SOP/L3/001-19 (In House Validated Method based on CIPAC Vol E p. 159). HPLC
Triademifon Formulations and Technical		Quantitative Determination of Triademifon (Active Ingredient)	PQCLM/SOP/L3/001-34 In House Validated Method based on CIPAC Vol E p. 324. HPLC
Phorate Formulations and Technical		Quantitative Determination of Phorate (Active Ingredient)	PQCLM/SOP/L3/001-23 (In House Validated Method based on Lufenuron NLA, South Africa Method). HPLC
Pyrimethanil Formulations and Technical		Quantitative Determination of Pyrimethanil (Active Ingredient)	PQCLM/SOP/L3/001-30) (In House Validated Method based on Dicamba Method from NLA, South Africa. HPLC

26-10-2020
Date

Sd
Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 155
---	-----------------------------------	---

Tebufenozide Formulations and Technical		Quantitative Determination of Tebufenozide (Active Ingredient)	PQCLM/SOP/L3/001-33) (In House Validated Method based on Dicamba Method from NLA, South Africa). HPLC
Pyraclostrobin Formulations and Technical		Quantitative Determination of Pyraclostrobin (Active Ingredient)	PQCLM/SOP/L3/001-27) (In House Validated Method based on CIPAC Vol M, p. 170. HPLC
Lactofen Formulations and Technical	Chemical Testing	Quantitative Determination of Lactofen (Active Ingredient)	PQCLM/SOP/L3/001-13 (In House Validated Method based on Lufenuron Method from NLA, South Africa). HPLC

26-10-2020
Date

Sd

Director