Accreditation No: LAB 217

Awarded to

Swat Agro Chemicals Laboratory,
1 Km Off Ferozepur Road Near Suzuki Showroom
Kasur, 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 **28-01-2021** 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 **27-01-2027.**

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

26-03-2024
Date

SD
Director General

Testing Laboratory.

Accreditation Scope of Swat Agro Chemicals Laboratory, 1 Km Off Ferozepur Road Near Suzuki Showroom Kasur, Pakistan

Permanent laboratory premises [X]

Materials/ Products tested	Testing field (e.g. Environmental/ Mechanical testing)	Types of test/ Properties measured	Reference to standardized method Internal method reference
pH (Pesticides)	Physical Testing (Pesticide)	Quantitative Determination of pH (1-14)	**Doc: QCL/STM-06** Ref: CIPAC Volume-F, TM# 75 Determination of pH. Page# 205-206
Density (Pesticides)	Physical Testing (Pesticide)	Quantitative Determination of Density.	**Doc: QCL/STM-05** Ref: CIPAC Volume-F, TM# **3.3** Hydrometer Method. Page # 11 & 18
Emulsion (All EC Pesticides)	Physical Testing (Pesticide)	Qualitative Determination of Emulsion	**Doc: QCL/STM-04** Ref: CIPAC Volume-F, MT# 36. Page # 108
Carbofuron	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-03** Ref: In-House Validated Method (Based on CIPAC).
Imidacloprid	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-02** Ref: In-House Validated Method (Based on CIPAC).
Acetamiprid	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-01** Ref: CIPAC Verified & Modified Volume-L, TM# 649. Page# 5-7.
Chlorfenapyr	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-016** Ref: In-House Validated Method (Based on CIPAC).

26-03-2024
Date

Sd
Director

Fipronil	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-067** Ref: In-House Validated Method (Based on Chemservic USA).
Cypermethrin	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-020** Ref: In-House Validated Method (Based on Chemservice USA).
Pyriproxyfen	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-07** Ref: In-House Validated Method (Based on Chemservice USA).
Chlorpyrifos	Chemical Testing on HPLC	Quantitative determination of Active Ingredient	**Doc: QCL/STM-015** Ref: In-House Validated Method (Based on Chemservice USA).
Total Nitrogen	Chemical Testin g on Kjeldhal	Quantitative determination of Active Ingredient	Doc: SAC/F/STM-01 Verified method of AOAC International 20Th Edition 2016, Method No. 2.4.03 fertilizer chapter Page No. 14-15
Phosphorus P2O5	Chemical Testing Through Titration Method	Quantitative determination of Active Ingredient	Doc: SAC/F/STM-02 Verified Method of Pakistan Standard for single super phosphate (2nd Edition) PS: 67-1996. PSQCA Karachi

26-03-2024
Date

Sd
Director