Accreditation No: LAB 198

Awarded to

Exin Chemicals Corporation, Quality Assurance Laboratory,
Plot No. 33-B Industrial Estate, Phase-I,
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 **02-04-2020** 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 **01-04-2029.**

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

31-08-2026
Date

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Director-General

Testing Laboratory.

Accreditation Scope of M/s **Exin Chemicals Corporation, Quality Assurance Laboratory,**
Plot No. 33-B Industrial Estate, Phase-I, Multan, Pakistan.

Permanent laboratory premises X

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 (Finished/Formulated Products) Acetamiprid ,Chlorpyrifos, Fipronil,Lufenuron, Imidacloprid,Abamectin, Clodinafop Propargyl, Metolachlor, Bifenthrin, Lambda Cyhalothrin, Indoxacarb, Pyriproxifin **Fertilizer (Finished/Formulated Products)** Potash(K2O), Zinc (Zn)	Physical Testing	Qualitative determination of pH	**(EXIN/QAL/STM/1)** Verified Method based on CIPAC Hand Book, Volume F, and Method No. MT75, Pg. 205 pH meter
Pesticide (Finished/Formulated Products) Acetamiprid ,Chlorpyrifos, Fipronil,Lufenuron, Imidacloprid,Abamectin, Clodinafop Propargyl, Metolachlor, Bifenthrin, Lambda Cyhalothrin, Indoxacarb, Pyriproxifin **Fertilizer (Finished/Formulated Products)** Potash(K2O), Zinc (Zn)		Qualitative determination of Density	**EXIN**/QAL/STM/8 Verified Method based on CIPAC Hand Book, Volume F, and Method No. MT3.3, Pg. 13 (Pyknometer method)

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Pesticides ***(Finished &Formulated, WP, SP,*** **WDG/WG and SC Products)** Acetamiprid ,Chlorpyrifos, Fipronil,Lufenuron, Imidacloprid,Abamectin, Clodinafop Propargyl, Metolachlor, Bifenthrin, Lambda Cyhalothrin, Indoxacarb, Pyriproxifin	Physical Testing	Qualitative determination of Suspensibility	**EXIN**/QAL/STM/16 Verified Method based on CIPAC Hand Book, Volume k, and Method No. MT 184, Pg. 142-145 Gravimetric
Pesticides ***(Finished &Formulated EC,SL,EW & OD Products)*** Acetamiprid ,Chlorpyrifos, Fipronil,Lufenuron, Imidacloprid,Abamectin, Clodinafop Propargyl, Metolachlor, Bifenthrin, Lambda Cyhalothrin, Indoxacarb, Pyriproxifin		Qualitative determination of Emulsion	**EXIN**/QAL/STM/9 Verified Method based on CIPAC Hand Book, Volume F, and Method No. MT 36, Pg. 108-114 Physical Appearance
Pesticides ***(Finished &Formulated, WP,*** **WDG/WG Products)** Acetamiprid ,Chlorpyrifos, Fipronil,Lufenuron, Imidacloprid,Abamectin, Clodinafop Propargyl, Metolachlor, Bifenthrin, Lambda Cyhalothrin, Indoxacarb, Pyriproxifin		Qualitative determination of Wettability	**EXIN**/QAL/STM/17 Verified Method based on CIPAC MT 53.3 wetting of wettable powdersMethod number: 53.3/MT/-Page: 164 Cipac Volume: F
Pesticide Formulation /Finished product & Technical (Solid & Liquid) Acetamiprid	Chemical Testing of Pesticide	Quantitative Determination of Acetamiprid (Active Ingredient)	(EXIN/QAL/STM/2) In House Modified & Validated Method CIPAC Hand Book UK Vol.-L ,2006 ; Page:5 (HPLC Technique)

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Chlorpyrifos	Chemical Testing of Pesticide	Quantitative Determination of Chlorpyrifos (Active Ingredient)	(EXIN/QAL/STM/3) In House Modified & Validated Method CIPAC Hand Book UK , Vol. - 1C (1982-84) ; Page : 2028 (HPLC Technique)
Fipronil	Chemical Testing of Pesticide	Quantitative Determination of Fipronil (Active Ingredient)	(EXIN/QAL/STM/4) In House Modified & Validated Method CIPAC Hand Book UK Vol.-J Page:61.(HPLC Technique)
Lufenuron	Chemical Testing of Pesticide	Quantitative Determination of Lufenuron (Active Ingredient)	(EXIN/QAL/STM/5) In House Modified & Validated Method CIPAC Hand Book UK , Vol. –M Page : 106 (HPLC Technique
Imidacloprid	Chemical Testing of Pesticide	Quantitative Determination of Imidacloprid (Active Ingredient)	(EXIN/QAL/STM/6) In House Modified & Validated Method CIPAC UK Hand Book Vol.- K (2003) ; Page:70. (HPLC Technique)
Abamectin	Chemical Testing of Pesticide	Quantitative Determination of Abamectin (Active Ingredient)	(**EXIN**/QAL/STM/18) Brazilian Journal of Pharmaceutical Sciences vol. 52**.** Modified Validated Method (HPLC Technique)
Clodinafop Propargyl	Chemical Testing of Pesticide	Quantitative Determination of Clodinafop Propargyl (Active Ingredient)	(**EXIN**/QAL/STM/11) In-House Modified & Validated Method based on CIPAC Vol M page # 26-29. (HPLC Technique)
Pyriproxifin	Chemical Testing of Pesticide	Quantitative Determination of Clodinafop Propargyl (Active Ingredient)	(**EXIN**/QAL/STM/15) In-House Modified & Validated

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Metolachlor	Chemical Testing of Pesticide	Quantitative Determination of Metolachlor (Active Ingredient)	(**EXIN**/QAL/STM/14) In-houseModified & validated method based on NLA SouthAfrica. (HPLC Technique)
Bifenthrin	Chemical Testing of Pesticide	Quantitative Determination of Bifenthrin (Active Ingredient)	(**EXIN**/QAL/STM/10) In-House developed and validated method based on International Journal of Advance Research (Volume 5, Issue 6). (HPLC Technique)
Lambda Cyhalothrin	Chemical Testing of Pesticide	Quantitative Determination of Lambda Cyhalothrin (Active Ingredient)	(**EXIN**/QAL/STM/13) In-House developed and validated Method based on University of China qingdgo,. (HPLC Technique)
Indoxacarb	Chemical Testing of Pesticide	Quantitative Determination of Indoxacarb (Active Ingredient	(**EXIN**/QAL/STM/12) NLA South Africa modified validated method. (HPLC Technique)
Mesotrione	Chemical Testing of Pesticide	Pesticide Quantitative determination	**EXIN**/QAL/STM/19) In-houseModified & validated method based on NLA SouthAfrica. (HPLC Technique)
Azoxystrobine	Chemical Testing of Pesticide	Pesticide Quantitative determination	**EXIN**/QAL/STM/20) In-houseModified & validated method based on NLA SouthAfrica. (HPLC Technique)
Difenoconazol	Chemical Testing of Pesticide	Pesticide Quantitative determination	**EXIN**/QAL/STM/21) In-houseModified & validated method based on NLA SouthAfrica. (HPLC Technique)

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Diafenthiuron	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/22) In-House Modified & Validated Method based on CIPAC (HPLC Technique)
Chlorfenapyr	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/23) In-House Modified & Validated Method based on CIPAC Vol O MT-570. (HPLC Technique)
Pendimethaline	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/24) In-House Modified & Validated Method based on CIPAC Vol M MT-357. (HPLC Technique)
Buprofezin	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/25) In-House Modified & Validated Method based on CIPAC
Fertilizer (Formulation/Finished & Technical) (Solid & Liquid) Zinc (Zn)	Chemical Testing of Fertilizer	Quantitative determination of Zinc (Zn) (Active Ingredient)	(**EXIN**/QAL/STM/26) Verified Hach Method 8009. (Spectrophotometer Technique)
Fertilizer (Formulation/Finished & Technical) (Solid & Liquid) Potash (K2O)	Chemical Testing of Fertilizer	Quantitative determination of Potash (K2O) (Active Ingredient)	In House Modified & Validated Method (EXIN/QAL/STM/7) Method for Fertilizers, FAMIC 2013, JAPAN. Page 133 (Flame photometer Technique)

Quizalofop-p-Ethyl	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/27) In-House Modified & Validated Method based on CIPAC

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Thiamethoxam	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/28) In-House Modified & Validated Method based on CIPAC
Atrazine	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/29) In-House Modified & Validated Method based on CIPAC
Chlothianidin	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/30) In-House Modified & Validated Method based on CIPAC
Pyraclostrobin	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/31) In-House Modified & Validated Method based on CIPAC
Tebuthiuron	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/32) In-House Modified & Validated Method based on CIPAC
Flusilazole	Chemical Testing of Pesticide	Pesticide Quantitative determination	(**EXIN**/QAL/STM/33) In-House Modified & Validated Method based on CIPAC

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