

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 261
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Accreditation No: LAB 261

Awarded to

**Toxicity & GMO Testing Laboratories
National Institute for Biotechnology and Genetic Engineering
(NIBGE) 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 **12-04-2022** 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 **11-04-2028**.

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

15-08-2025
Date

SD
Director General

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Testing Laboratory.

Accreditation Scope of Toxicity & GMO Testing Laboratories, National Institute for Biotechnology and Genetic Engineering (NIBGE) NIBGE, Faisalabad-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
Toxicity Testing Lab-NIBGE			
Agrochemicals, Industrial Chemicals, Pesticides formulations, Plant materials, genetically modifies crops, GM food & feed, Medical Safety devices/materials, etc.	Toxicity testing (animal models) i. Acute Oral (LD50) ii. Acute Dermal (LD50) iii. Acute Dermal Irritation iv. Acute Eye Irritation Scope extension v. Acute Fish, Test (LC ₅₀) vi. Repeated Dose 28-Day Oral Toxicity Study in Rodents vii Repeated Dose 90-day Oral Toxicity Study in Rodents	Qualitative test LD 50 mg/kg LD 50 mg/kg MMTS (maximum mean total score) MMTS LC 50 mg/L NA NA	i.TG OECD-423 ii.TG-OECD-402 iii.TG-OECD-404 iv.TG-OECD-405 v.TG-OECD-203 vi.TG-OECD-407 vii.TG-OECD-408 All test is performed according to their respective OECD test guidelines (Organization of Economic Cooperation and Development)
GMO Testing Lab-NIBGE			
Rice and other food and feed products	GMO Testing	Qualitative PCR based GMO testing (35S promoter and nos terminator)	Standards: ISO 21569: 2005 (Qualitative Nucleic acid-based methods) ISO 21571: 2005 (Nucleic acid extraction)

15-08-2025

Date

Sd

Director