

F-06/02

**Issue Date: 18/08/2020** 

Rev. No: 09 LAB 288

Accreditation No: LAB 288

#### Awarded to

# SGS AGRICULTURE, FOOD & LIFE (LAB), Plot 07 Din Muhammad Town (Opposite Police Training Institute) 19-Km Multan Road, Lahore, 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 **07-06-2023** 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 **06-06-2026**.

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

06-10-2025	SD_
Date	Director General



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### **Testing Laboratory.**

Accreditation Scope of SGS AGRICULTURE, FOOD & LIFE (LAB), Plot 07 Din Muhammad Town (Opposite Police Training Institute) 19-Km Multan Road, Lahore, Pakistan.

### Permanent laboratory premises X

Materials/Pr oducts 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
Rice	Physical Testing	Broken	In-House Method based on PS-3342-2007& ISO 7301:2021
Rice	Physical Testing	Damaged and Shrivelled	In-House Method based on PS-3342-2007& ISO 7301:2021
Rice	Physical Testing	Undermilled and Red Strip	In-House Method based on PS-3342-2007& ISO 7301:2021
Rice	Physical Testing	Choba	In-House Method based on PS-3342-2007& ISO 7301:2021
Rice	Physical Testing	Chalky	In-House Method based on PS-3342-2007& ISO 7301:2021
Corn	Physical Testing	Broken	CODEX STAN (153- 1985),PS 4839-2007,PS 1655- 1984

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Corn	Physical Testing	Foreign Matter	CODEX STAN (153- 1985),PS 4839-2007,PS 1655- 1984
Corn	Physical Testing	Discolor	CODEX STAN (153- 1985),PS 4839-2007,PS 1655- 1984
Corn	Physical Testing	Damage	CODEX STAN (153- 1985),PS 4839-2007,PS 1655- 1984
Wheat Flour, Semolina, Bread, Grains, Cereal Product, Food Products	Chemical Testing	Moisture Content	AACC 44-15A
Liquid Milk	Chemical Testing	Total Solid	AOAC 925.23(2019)
Flour, White Flour, whole grain products made from plants, seeds, fruits, milk, rice, cereal crop, meat products, meat extract, non-alcoholic beverages and sea food products	Chemical Testing	Ash Content	SGS In House Method Based on AOAC (2016) 923.03,930.30,940.26, 920.153, 920.155, 950.14,930.05
Cereals, Meals ,Feed, Meals, Forage ,Plant Tissue, Oil seeds, Food Products	Chemical Testing	Protein Content	SGS In House Based on AOAC 2001.11 (2023), AACC 46.12,ISO 5983, ISO 20483



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Oil & Fats	Chemical Testing	FFA / Acid Value	AOAC 940.28 (2023)
Cereal Product & Feed	Chemical Testing	Total Aflatoxin (B1+B2+G1+G2)	VERATOX
Sugar	Chemical Testing	Color (ICUMSA)	ICUMSA GS2/3-10 (2011)
Oil and Fat	Chemical Testing	Peroxide Value	AOAC 965.33(2023)
Cereal Products	Chemical Testing	Aflatoxin B1	VERATOX
Oil and Fat	Chemical Testing Iodine Value al Testing	Iodine Value	AOCS Cd 1d-25
Feed & Meal	Chemical Testing	Moisture	ISO 6496:1999
Feed & Meal	Chemical Testing	Ash	ISO 5984:2002
All types of Food / Feed	Microbiological Testing	Total Plate Count	Bacteriological analytical manual online USFDA chap no.3(Jan 2025)



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All types of Food / Feed	Microbiological Testing	Total Coliform By solid method	Bacteriological analytical manual online USFDA chap no.4 (Oct 2020)
All types of Food / Feed	Microbiological Testing	Total Coliform By MPN method	Bacteriological analytical manual online USFDA chap no.4 (Oct 2020)
All types of Food / Feed	Microbiological Testing	Total fecal coliform by MPN method	Bacteriological analytical manual online USFDA chap no.4 (Oct 2020)
All types of Food / Feed	Microbiological Testing	E.coli by solid medium method	ISO-16649-2:2001
All types of Food / Feed	Microbiological Testing	E.coli by MPN method	Bacteriological analytical manual online USFDA chap no.4 (Oct 2020)
All types of Food / Feed	Microbiological Testing	Salmonella	Bacteriological analytical manual online USFDA chap no.05 (May 2025)
All types of Food / Feed	Microbiological Testing	Yeast & molds by dilution plating technique	Bacteriological analytical manual online USFDA chap no.18 (April 2001)
All types of Food / Feed	Microbiological Testing	Staphylococcus aureus by direct plate method	Bacteriological analytical manual online USFDA chap no.12 (March 2016)
All types of Food / Feed	Microbiological Testing	Bacillus Cereus by dilution plating technique	Bacteriological analytical manual online USFDA chap no.14 (Oct 2020)



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All types of Food / Feed	Microbiological Testing	Listeria Monocytogenes	Bacteriological analytical manual online USFDA chap no.10 (April 2022)
All types of Food / Feed	Microbiological Testing	Enterobactericeae	ISO 21528-2:2017
Food	Microbiological Testing	Campylobacter	ISO 10272-1(2023)
All types of Food / Feed	Microbiological Testing	Clostridium Perfringes	Bacteriological analytical manual online USFDA chap no.16 (Jan 2001)

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