

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 065
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Accreditation No: LAB 065

Awarded to

SGS Agriculture, Food and Life (Lab) Karachi, 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 **28-08-2013** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2005**.

The accreditation requires regular surveillance, and is valid until **27-08-2019**.

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

21-11-2016

Date

Director General

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 065
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Testing Laboratory.

Accreditation Scope of SGS Agriculture, Food and Life (Lab) Karachi, 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
Wheat	Physical Testing	Broken	ISO-7970:2011
Wheat	Physical Testing	Shrunken and Damage	ISO-7970:2011
Wheat	Physical Testing	Foreign Matter (Edible & non edible)	ISO-7970:2011
corn	Physical Testing	Broken	CODEX STAN (153-1985), PS 4839-2007, PS 1655-1984
corn	Physical Testing	Foreign matter (edible & non edible)	CODEX STAN (153-1985), PS 4839-2007, PS 1655-1984
corn	Physical Testing	Damage	CODEX STAN (153-1985), PS 4839-2007, PS 1655-1984

21-11-2016

Date

Director



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date: 10/08/15
Rev. No: 07
LAB 065

corn	Physical Testing	Immature	CODEX STAN (153-1985),PS 4839-2007,PS 1655-1984
corn	Physical Testing	Discolour	CODEX STAN (153-1985),PS 4839-2007,PS 1655-1984
Rice	Physical Testing / Mechanical Testing	Broken	In-House Method based on PS-3342-2007& ISO 7301:2011
Rice	Physical Testing / Mechanical Testing	Damage, shriveled	In-House Method based on PS-3342-2007& ISO 7301:2011
Rice	Physical Testing / Mechanical Testing	Undermilled,red strip	In-House Method based on PS-3342-2007& ISO 7301:2011
Rice	Physical Testing / Mechanical Testing	Choba	In-House Method based on PS-3342-2007& ISO 7301:2011
Rice	Physical Testing / Mechanical Testing	Chalky	In-House Method based on PS-3342-2007& ISO 7301:2011
Cereals, Grains,	Chemical Testing	Moisture content	ISO-712:2009, Gafta 2:2(2014)
corn	Chemical Testing	Moisture content	ISO6540:1980,

21-11-2016

Date

Director



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date: 10/08/15
Rev. No: 07
LAB 065

Meals	Chemical Testing	Moisture content	GAFTA 2:1(2014), AACC 44-19.01
Sugar	Chemical Testing	Moisture content	ICUMSA GS 2/1/3/9- 15(2007)
Cereals, Grains,	Chemical Testing	Ash Content	ISO-2171:2007
Feeds, Meals,	Chemical Testing	Ash Content	GAFTA 12:0(2014), AOAC 942.05,AACC 08-03.01
Sugar	Chemical Testing	Ash Content	ICUMSA, GS 1-10
Cereals, Grains, Feeds, Meals,	Chemical Testing	Protein Content	AOAC 2001.11(4.2.11), AACC 46-12.01
Wheat	Mechanical Testing	Bulk Density (Test Weight)	ISO7971-3-2009
Wheat	Mechanical Testing	Gluten Content mech. (wet)	AACC 38-12.02
Wheat	Mechanical Testing	Gluten Content mech. (dry)	AACC 38-12.02

21-11-2016

Date

Director



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date: 10/08/15
Rev. No: 07
LAB 065

Wheat	Mechanical Testing	Gluten Index	AACC 38-12.02
Wheat	Manual Testing	Gluten Content manual (wet)	AACC 38-10.01
Wheat	Mechanical Testing	Falling Number	AACC 56-81.03/ISO 3093:2009
Sugar	Chemical Testing	ICUMSA Color 9	ICUMSA GS 2/3-9(2005)
Sugar	Chemical Testing	ICUMSA Color 10	ICUMSA GS 2/3/-10 (2007)
Sugar	Chemical Testing	Polarization	ICUMSA GS 2/3-1(1994)
All types of Food / Feed	Microbiological Testing	Total Plate Count	Bacteriological analytical manual online USFDA chap no.3(Jan 2001)
All types of Food / Feed	Microbiological Testing	Total Coliform By solid method	Bacteriological analytical manual online USFDA chap no.4 (02/2013)
All types of Food / Feed	Microbiological Testing	Total Coliform By MPN method	Bacteriological analytical manual online USFDA chap no.4 (02/2013)

21-11-2016

Date

Director



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date: 10/08/15
Rev. No: 07
LAB 065

All types of Food / Feed	Microbiological Testing	Total fecal coliform by MPN method	Bacteriological analytical manual online USFDA chap no. 4(02/2013)
All types of Food / Feed	Microbiological Testing	E.coli by solid medium method	Bacteriological analytical manual online USFDA chap no.4 (02/2013)
All types of Food / Feed	Microbiological Testing	E.coli by MPN method	Bacteriological analytical manual online USFDA chap no.4 (02/2013)
All types of Food / Feed	Microbiological Testing	Staphylococcus aureus by MPN method	Bacteriological analytical manual online USFDA chap no.12 (03/2016)
All types of Food / Feed	Microbiological Testing	Staphylococcus aureus by direct plate method	Bacteriological analytical manual online USFDA chap no.12 (03/2016)
All types of Food / Feed	Microbiological Testing	Salmonella	Bacteriological analytical manual online USFDA chap no.05(12/2015)
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/fabric	Chemical Testing	GMO ANALYSIS	ISO-21569-2005 (Qualitative)
Cereals, grains, feeds, oil seeds, dry fruits, spices	Chemical Testing	Total Aflatoxin	ISO16050:2003

21-11-2016

Date

Director



ACCREDITATION DOCUMENT

F-06/02
Issue Date: 10/08/15
Rev. No: 07
LAB 065

Cereals, grains, feeds, oil seeds, dry fruits, spices	Chemical Testing	Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2	ISO16050:2003
Cereals, grains, feeds, oil seeds, dry fruits, spices	Chemical Testing	Aflatoxin	USDA-GIPSA 2008-011
Cereals, grains, feeds, oil seeds, dry fruits, spices	Chemical Testing	Ochratoxin	Veratox for Ochratoxin(kit method Neogen)
Cereals	Chemical Testing	Deoxynivalenol	Czech J. Food Sci. 20;63-68
Cereals	Chemical Testing	Zearalenone	Veratox for zearalenone (Kit Method Neogen)
Cereals	Chemical Testing	T2-Toxin	Veratox for T-2/HT-2 (Kit Method Neogen)
Cereals	Chemical Testing	DNA typing/ Authentication	(Agilent publication, 2007) Bligh H.F., IJFST, 2000, 35;257-265

21-11-2016

Date

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