

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 024
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Accreditation No: LAB 024

Awarded to

**FOOD AND BIOTECHNOLOGY RESEARCH CENTRE (FBRC),
Pakistan Council of Scientific & Industrial Research (PCSIR)
Laboratories Complex, Lahore 54600, 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 **24-08-2006** 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 **16-06-2019**.

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

17-06-2016
Date

Director General

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Testing Laboratory.

Accreditation scope of Food and Biotechnology Research Centre (FBRC), Pakistan Council of Scientific & Industrial Research (PCSIR) Laboratories Complex, Lahore 54600, 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
1. Microbiology Laboratory			
Food	Microbiological testing	Enumeration of total plate count in food	FAO Food and Nutrition paper 14/4, Rev. 1. Chapter 2:1992
		Enumeration of Total Coliforms, Fecal coliforms and <i>E.coli</i> in food	FAO Food and Nutrition paper 14/4, Rev. 1. Chapter 3:1992.
water	Microbiological testing	Enumeration of total plate count in water	APHA/AWWA, 9215-B 21 st edition: 2005.
		Enumeration of Total Coliforms, Fecal Coliforms and <i>E.coli</i> in water	APHA/AWWA, 9221B, E & F. 21 st edition: 2005
Food	Microbiological testing	Detection of <i>Salmonella</i> spp. in food	FAO Food and Nutrition paper 14/4, Rev. 1. Chapter 4. 1992.
		Enumeration of <i>Staphylococcus aureus</i> in food	FAO Food and Nutrition paper 14/4, Rev. 1. Chapter 12. 1992.
		Enumeration of yeast and mold in food	FAO Food and Nutrition paper 14/4, Rev. 1. Chapter 19.1992.
water	Microbiological testing	Enumeration of <i>Pseudomonas aerogenosa</i> /spp. in water	APHA/AWWA, 9213 F, 21 st edition: 2005.
2. Nutrition Laboratory			
Cereals		Estimation of Moisture (%)	AOAC. 925.10 : 2012
		Estimation of Ash (%)	AOAC. 923.03: 2012
		Determination of Protein (%)	AOAC. 960.25: 2012

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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
Animal feed	Nutritional testing	Estimation of Fat (%)	AOAC. 920.39:2012
		Estimation of Moisture (%)	AOAC. 934.01:2012
		Estimation of Ash (%)	AOAC. 942.05:2012
		Determination of Protein (%)	AOAC. 960.52:2012
		Estimation of Fat (%)	AOAC.920.39:2012
3. Mycotoxin Laboratory			
Food items (Cereals, Groundnut , Chilli and Spices etc.)	Mycotoxin Testing	Determination of Aflatoxin B1	AOAC. 976.26:2012
		Determination of Aflatoxin B2	
		Determination of Aflatoxin G1	
		Determination of Aflatoxin G2	
4. Food and Water Laboratory			
Dried food (Atta, Maida, wheat grains etc.)	Nutritional testing	Estimation of Phytate in foods	AOAC986.11: 2012
5. Dairy Laboratory			
Milk	Nutritional Composition	Determination of Total Solids(%)	AOAC.990.19: 2012
		Determination of Protein(%)	AOAC.991.20: 2012
		Determination of Ash(%)	AOAC.945.46 : 2012
		Determination of Fat(%)	AOAC 2000.18:2012

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Director