

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 024
---	-----------------------------------	---

Accreditation No: LAB 024

Awarded to

Food & Biotechnology Research Centre (FBRC), Pakistan Council of Scientific & Industrial Research (PCSIR) Labs. 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 17025:2017**.

The accreditation requires regular surveillance, and is valid until **16-06-2022**.

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

11-03-2021
Date

Sd
Director General

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 024
---	-----------------------------------	---

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 Testing Laboratory			
Food	Microbiological testing	Enumeration of total plate count in food	FAO: 1992.
		Enumeration of Total Coliforms, Fecal coliforms and <i>E. coli</i> in food	FAO: 1992.
Water	Microbiological testing	Enumeration of total plate count in water	APHA/AWWA 9215-B: 2017
		Enumeration of Total Coliforms, Fecal Coliforms and <i>E. coli</i> in water	APHA/AWWA 9221B, E & F: 2017
Food	Microbiological testing	Detection of <i>Salmonella</i> spp. in food	FAO:1992.
		Enumeration of <i>Staphylococcus aureus</i> in food	FAO:1992.
		Enumeration of yeast and mold in food	FAO:1992.
Water	Microbiological testing	Enumeration of <i>Pseudomonas aerogenosa</i> spp. in water	APHA/AWWA 9213 F: 2017
2. Nutrition Testing Laboratory			
Cereals	Nutritional testing	Estimation of Moisture (%)	AOAC 925.10
		Estimation of Ash (%)	AOAC 923.03
		Determination of Protein (%)	AOAC 960. 52
		Estimation of Fat (%)	AOAC 920.39
Animal feed	Nutritional testing	Estimation of Moisture (%)	AOAC 934.01
		Estimation of Ash (%)	AOAC 942.05
		Determination of Protein (%)	AOAC 960.52
		Estimation of Fat (%)	AOAC 920.39

11-03-2021
Date

Sd
Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 024
---	-----------------------------------	---

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
3. Mycotoxin Laboratory			
Food items (Cereals, Groundnut, Chilli and Spices etc.)	Mycotoxin Testing	Determination of Aflatoxin B1	AOAC 972.26
		Determination of Aflatoxin B2	
		Determination of Aflatoxin G1	
		Determination of Aflatoxin G2	
Milk		Determination of Aflatoxin M1	AOAC 974.17
4. Food and Water Laboratory			
Dried food (Atta, Maida, wheat grains etc.)	Nutritional testing	Estimation of Phytate in foods	AOAC 986.11
Rice	Chemical Testing	Estimation of Cadmium	LLC/FWTL/TM/7.2/002 (AOAC 999.11)
		Estimation of Lead	LLC/FWTL/TM/7.2/003 (AOAC 999.11)
5. Dairy Testing Laboratory			
Milk	Nutritional Composition	Determination of Total Solids (%)	AOAC.990.20
		Determination of Total Protein (%)	AOAC.991.20
		Determination of Total Ash (%)	AOAC.945.46
		Determination of Total Fat (%)	AOAC 2000.18
6. Toxicology Laboratory			
Pesticides, Rodenticide &	Toxicology Study	Acute Oral Toxicity	OECD 423
		Acute Eye Irritation/Corrosion	OECD 405

11-03-2021
Date

Sd
Director



ACCREDITATION DOCUMENT

F-06/02
Issue Date: 18/08/2020
Rev. No: 09
LAB 024

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
Chemicals		Acute Dermal Irritation / Corrosion	OECD 404
		Acute Dermal Toxicity	OECD 402
		Acute Inhalation Toxicity	OECD 436
		Skin Sensitization	OECD 406
Medical devices	Biological evaluation of medical devices	Test for <i>In vitro</i> cytotoxicity	ISO 10993-5: 2009
		Skin Sensitization	ISO 10993-10:2010
		Dermal Irritation	ISO 10993-10:2010

11-03-2021
Date

Sd
Director