

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02</b> <b>Issue Date: 10/08/15</b> <b>Rev. No: 07</b> <b>LAB 003</b>
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**Accreditation No: LAB 003**

**Awarded to**  
**(Quality Control Laboratory)**  
**Qarshi Research International Pvt. Ltd.,**  
**56/1-4, Phase 3, Industrial Estate,**  
**Hattar, Haripur, 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 **03-06-2004** 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 **24-05-2019**.

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**

25-05-2016  
Date

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Director General

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**Testing Laboratory.**

**Accreditation Scope of Qarshi Research International Pvt. Ltd., 56/1-4, Phase 3, Industrial Estate, Hattar, Haripur, 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
Natural Health Supplements, Food, Water, Farm Products & Pharmaceuticals Articles	Food & Water	pH	Health Canada Product Safety Bureau Test Method C-13
		Brix / Refractive Index	USP-35 2016
Concentrated Medicinal/ Refreshing Syrup, Chemicals	Food	Specific Gravity	USP-35 2016
Natural Health Supplements	Pharmaceuticals and herbal products	LOD	Lab developed method / Moisture analyzer
		Disintegration Time	USP-35 2016
		Weight Variation in dietary supplements	USP-35 2016

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<b>Materials/Products tested</b>	<b>Testing field (e.g. environmental testing or mechanical testing)</b>	<b>Types of test/ Properties measured</b>	<b>Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference</b>
Solid dosage forms Tablet	Pharmaceuticals and herbal products	Tablet Friability	USP-35 2016
		Tablet Hardness	USP-35 2016
PET & Bottles, Glass Bottles	Packing Material	Brimful Capacity	Lab developed Method
Labels & Packing Materials		Paper Grammage	Lab developed Method
Fats , Oils, Foods	Food	Free Fatty Acid	AOAC 19 <sup>th</sup> Edition
		Peroxide Value	AOAC 19 <sup>th</sup> Edition
(Solid, semisolid and liquid), confectioneries, Honey, biscuits and cookies etc	Sugar based products	Determination of sugars	AOAC 19 <sup>th</sup> Edition
Beverages juices, soft drinks, Wines, Food & Farm Products	Food	Determination of Benzoic Acid and its salt	Pearson Chemical Analysis of Food

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Liquid, solid, semisolid food , and feeds,	Food & Animal Feed	Determination of crude proteins	AOAC 19 <sup>th</sup> Edition
Foods (that contain fibrous material animal or poultry feed),	Food	Crude fiber	AOAC 19 <sup>th</sup> Edition
Natural Health Supplement Food , Cereal & Cereal Products , Farm products Pharmaceutical articles Water and Waste Water	Food & Water	Ca, Ni,Pb, Fe, Na,Sb, Cr, Mg, Cd ,Zn, K, Mn ,Cu, Hg, As	AOAC 19 <sup>th</sup> Edition /FAAS Cook book
Sugar and Sugar Syrup	Sugar	Color	ICUMSA
		Turbidity	ICUMSA
Sugar Confectioneries, Corn Syrup, Cordial, Distilled liquors Non alcoholic beverages, Milk &Milk product Canned vegetable Fruit Dressing Fruit and Fruit Products,	Food	Acidity %	AOAC 19 <sup>th</sup> Edition

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Solid and Semi Solid foods	Food	Fat%	AOAC 19 <sup>th</sup> Edition
Food(cereal and cereal products, Malt, Cocoa and Cocoa Products, cane, beet, raw & refined sugars or foods other than acidic, Fruits and vegetables products and animal poultry feed, sea food, bakery products	Food	Moisture%	AOAC 19 <sup>th</sup> Edition
		Ash %	AOAC 19 <sup>th</sup> Edition
Cereal & Cereal Products, Milk, Biscuits, Oils	Food & Oils	Vitamin A	AOAC 19 <sup>th</sup> Edition
Sugar and Sugar Syrup	Sugar	Conductivity Ash	ICUMSA
Water & Wastewater	Water & Wastewater	Alkalinity	APHA 9215. Standard Methods for the Examination of Water and Waste water (22 <sup>nd</sup> Edition 2012)
		Carbonate	
		Bi Carbonate	
		Total Hardness	
		Acidity	APHA 9215. Standard Methods for the Examination of Water and Waste water (22 <sup>nd</sup> Edition 2012)
		COD	

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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
		BOD	
		Chloride	
		TDS	
		TSS	
		Sulphate (SO <sub>4</sub> <sup>2-</sup> )	
		Nitrate(NO <sub>3</sub> <sup>1-</sup> )	
		Fluoride(F <sup>1-</sup> )	
	Water & Wastewater	Conductivity	APHA 9215. Standard Methods for the Examination of Water and Waste water (22 <sup>nd</sup> Edition 2012)
		Oil & Grease	
		Heterotrophic colony count 35 ± 1°C	APHA 9215. Standard Methods for the Examination of Water and Waste water (22 <sup>nd</sup> Edition 2012)
		Heterotrophic colony count 23.5 ± 1.5°C	
		Presence/Absence of <i>Pseudomonas aeruginosa</i>	USP 38 (2015)
		Enumeration of <i>Coliforms</i>	align="center">EPA Method 1604
		Enumeration of <i>E.coli</i>	
Enumeration of <i>Enterococcus fecalis</i>	ISO 7899-2 Water quality		

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Natural Health Supplements Food & Farm Products, & Product intended for Human and animal feeding + Environmental samples Milk powder and powdered infant formula + Environmental samples Food and Food ingredients Natural Health Supplements Food & Farm Products, & Pharmaceuticals Articles	Food	Enumeration of <i>Fecal coliform</i>	Standard Methods for the Examination of water & waste water. 22 <sup>nd</sup> edition 2012. 9222D
		Enumeration of <i>Pseudomonas aeruginosa</i>	Standard Methods for the Examination of water & waste water. 22 <sup>nd</sup> edition 2012. 9213 E
		Aerobic plate count	HPB Method MFHPB-18 July 2015
		Yeast & Mold Counts	HPB Method MFHPB-22 January 2004
		Presence/Absence of <i>Salmonella</i>	ISO-6579:2002
		Enumeration of Enterobacteriaceae	BS ISO 21528-2:2004.
		Presence/Absence of <i>C. sakazakii</i>	ISO/TS 22964 IDF/ RM 210. 2006(E).
		<i>Coliform</i> count	HPB method, MFHPB 31, March 2001.
		Enumeration of <i>Staphylococcus aureus</i>	HPB Method, MFHPB-21, September 2005
		Presence/Absence of <i>E.coli</i>	USP-38 (2015),
Presence/Absence of <i>Pseudomonas aeruginosa</i>	USP 38(2015),		
Presence/Absence of <i>Staphylococcus aureus</i>	USP38 (2015),		

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