



**ACCREDITATION  
DOCUMENT**

**F-06/09**  
**Issue Date: 27/05/16**  
**Rev. No: 01**  
**PTP 003**

**Accreditation No: PTP 003**

**Awarded to**

**(Proficiency Testing Provider)**

**Industrial Analytical Center (IAC)**

**H.E.J. Research Institute of Chemistry  
International Center for Chemical and Biological Sciences  
University of Karachi  
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 **05-06-2017** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17043:2010**.

The accreditation requires regular surveillance and is valid until **04-10-2023**.

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**

01-08-2023

Date

SD

Director General



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### **Proficiency Testing Provider:**

Accreditation Scope of Proficiency Testing Provider, Industrial Analytical Center-HEJ Research Institute of Chemistry, International Center for Chemical and Biological Sciences, University of Karachi, Karachi-Pakistan.

Items/ Materials/Matrix/ Products (e.g., Reinforced Steel Bars, water, waste water)	Type of scheme/test/properties	Scheme Protocol/Procedure/ technique used
Fats & Oil	1. Concentration of free fatty acids	ASTM D5555
	2. Density	AOCS Cc 10c-95
	3. Iodine Value	AOCS Cd 1c-85
	4. Saponification Value	AOCS Cd 3a-94
	5. Fatty Acid Composition /Fatty Acid Profile i. C12:0 (Lauric Acid) ii. C14:0 (Myristic Acid) iii. C16:0 (Palmitic Acid) iv. C18:0 (Stearic Acid) v. C18:1 (Oleic Acid) vi. C18:2 (Linoleic Acid) vii. C18:3 (Linolenic Acid) viii. C20:0 (Eicosanoic Acid)	AOCS Ce 1h-05
Tea	1. Caffeine	United State Pharmacopeia
	2. Water Extract	ISO 9768
	3. Total Ash	ISO 1575
	4. Water Soluble Ash	ISO 1576
	5. Crude Fibre	ISO 15598
Rice	GMO- Genetically Modified Organism (Qualitative)	1.Qiagen DNeasy® mericon™ food Kit 2.eurofins   GeneScan GENESpin DNA isolation Kit 3.eurofins   GeneScan GMOScreen RT IPC PCR Kit 4.Qubit ® dsDNA BR/HS Assay Kit.
Diesel Fuel	1. Ash	ASTM D482
	2. Acid Number	ASTM D974
	3. Color	ASTM D1500
	4. Distillation	ASTM D86
	5. Flash point	ASTM D93
	6. Specific Gravity	ASTM D1298

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Aspirin Gastro-resistant Tablets	1. Assay	British Pharmacopoeia
	2. Dissolution	British Pharmacopoeia
Tablets	3. Disintegration	United State Pharmacopeia <701>
	4. Friability	United State Pharmacopeia <1216>
	5. Hardness/ Thickness/Diameter	United State Pharmacopeia <1217>
	6. Weight	British Pharmacopoeia

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Director