



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date: 18/08/2020
Rev. No: 09
LAB 057

Accreditation No: LAB 057

Awarded to

(Analytical Laboratory)
Intertek Pakistan (Pvt.) Limited
Plot No. 1-5/11-A, Sector-5, Korangi Industrial Area,
Karachi 74900, 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 **24-08-2012** 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 **29-06-2024**.

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

11-09-2023
Date

SD
Director General



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Testing Laboratory.

Accreditation Scope of Intertek Pakistan (Pvt.) Limited.
 Plot No. 1-5/11-A, Sector-5, Korangi Industrial Area,
 Karachi 749000, 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
Petroleum Products, Petrochemicals & Lube Oils	Petroleum	Acid Number	ASTM D 974
		Base Number	ASTM D 2896
		Viscosity @ 40 ⁰ C	ASTM D 445
		Viscosity @ 100 ⁰ C	ASTM D 445
		Density @ 15 ⁰ C	ASTM D 4052
		Density @ 15 ⁰ C	ASTM D4052
		Color	ASTM D 1500
Lube Oil		Ca Content	ASTM D 4628
		Zn Content	ASTM D 4628

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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
Drinking Water, Potable Water and Wastewater	Water	Metals (Cd, Co, Cu, Cr, Fe, Pb, Mn, Hg, Ni, Ag, V, Zn, Al, As, Ba, Be, Bi, Li, Se, Sr, K, Na, Ca, Mg).	APHA 3120B, 3030 A,B,C,D (23rd Edition)/ ICP – OES
	Water	Chloride	APHA 4500 Cl (23rd Edition)
	Water	pH	APHA 4500 H-B (23rd Edition)
	Water	Electrical Conductivity	EPA 120.1/Conductivity meter
	Water	TDS	APHA 2540 C (23rd Edition)
	Water	TSS (Total Suspended solids)	APHA 2540 D (23rd Edition)
	Water	COD	APHA 5220 (23rd Edition)
	Water	Total Phosphorous	ISO 11885/ ICP – OES

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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
Feed, Flour, Tea, Salt, Meat	Food	Moisture/Total Solids	AOAC 934.01, 925.10, 925.19, 925.55, 950.46
Meat, Fertilizer, Animal Feed, Baked products, Cereal adjuncts, Dried Milk, Ice-cream & Frozen desserts, Liquid milk, Grains, Wheat	Food	Protein Content	Intertek In-house Method LI – 304-03 method based on AOAC 984.13 & AOAC 928.08.
Animal feed, Flour, Sugar & Syrups, Dried Milk, Nut & Nut products, Meat, Spices	Food	Ash Content	AOAC 942.05, 923.03, 900.02, 930.30, 950.49, 920.153, 941.12
Butter, Meat, Chocolate, Dairy, Milk, Cereal, Grains, Animal Feeds	Food	Fat Content	AOAC 991.36, 920.39, 920.36, 945.18

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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
All Foods	Food	Carbohydrate content	By calculation based on Food Analysis Fourth Edition 2010
	Food	Calories	Food Analysis of Nutritional Composition 1993 – 106
	Food	Salt Content	AOAC 960.29, 935.43, 937.09, 935.47
Tea	Food	Water Extract	ARS 39-1986E
	Food	Water Soluble Ash	ISO 1575
	Food	Crude Fiber	ISO 5498

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All Food & Feed	Microbiology	Salmonella	ISO 6579
	Microbiology	Total Plate Count	AOAC 990.12
	Microbiology	<i>E. coli</i>	AOAC 991.14
	Microbiology	Coliforms	AOAC 991.14
	Microbiology	Yeast Mould	AOAC 997.02

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