

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 057</b>
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## **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**

30-06-2021  
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
		Acid Number	ASTM D 664
		Base Number	ASTM D 2896
		Viscosity @ 40 <sup>0</sup> C	ASTM D 445
		Viscosity @ 100 <sup>0</sup> C	ASTM D 445
		Density @ 15 <sup>0</sup> C	ASTM D 4052
		Density @ 15 <sup>0</sup> C	ASTM D4052
		Color	ASTM D 1500
Lube Oil		Ca Content	ASTM D 4628
		Zn Content	ASTM D 4628

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Date

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Sd.  
Director



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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	Ammonium-N	APHA 4500 NH3 (23rd Edition)
	Water	Total Phosphorous	ISO 11885/ ICP – OES
	Water	Phenol	APHA 5530 (23rd Edition)

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Feeds, Cereal Adjuncts, Tea, Salt, Meat, Flour, Malt, Macaroni Product, Malting Barley, Nuts and Nut Products, Milk	Food	Moisture/Total Solids	AOAC 930.15, AOAC 945.15, AOAC 925.19, AOAC 925.55, AOAC 950.46, AOAC 925.10, AOAC 935.29, AOAC 926.07, AOAC 981.05, AOAC 925.40, AOAC 990.20
Meat, Animal Feed, Baked Products, Cereal Adjuncts, Dried Milk, Ice-creams & Frozen Desserts, Liquid Milk, Grains, Wheat	Food	Protein Content	AOAC 928.08, AOAC 954.01, AOAC 950.36, AOAC 920.53, AOAC 930.29, AOAC 930.33, AOAC 991.22, AOAC 979.09, AOAC 920.87
Animal Feed, Flour, Sugar & Syrups, Dried Milk, Nuts & Nut Products, Meat, Spices	Food	Ash Content	AOAC 942.05, AOAC 923.03, AOAC 900.02, AOAC 930.30, AOAC 950.49, AOAC 920.153, AOAC 941.12
Meat & poultry, Animal Feed, Cereal Adjuncts	Food	Fat Content	AOAC 991.36, AOAC 920.39, AOAC 945.18
All Foods	Food	Carbohydrate content	AOAC 986.25, JAOAC 69, 777 (1986)
	Food	Calories	Food Analysis for Nutritional Composition (1993):106
	Food	Salt Content	AOAC 960.29, AOAC 935.43, AOAC 937.09, AOAC 935.47

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All Food & Feed	Microbiology	Salmonella	ISO 6579-2017
	Microbiology	Total Plate Count	AOAC 990.12 (Petrifilm)
	Microbiology	<i>E. coli</i>	AOAC 991.14 (Petrifilm)
	Microbiology	Coliforms	AOAC 991.14 (Petrifilm)
	Microbiology	Yeast Mould	AOAC 997.02 (Petrifilm)
Water/Waste Water	Microbiology	Total Plate Count	ISO 6222
	Microbiology	Coliforms	ISO 9308

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