

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 057
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Accreditation No: **LAB 057**

Awarded to

Intertek Pakistan (Pvt.) Ltd. 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 **24-08-2012** 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 **5-10-2018**.

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

24 January 2017
Date

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Director General

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Testing Laboratory.

Accreditation Scope of Intertek Pakistan (Pvt.) Ltd. Karachi, 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 (Engine Oil, Base Oil)	Petroleum & Oil	Acid Number	ASTM D 974
	Petroleum & Oil	Base Number	ASTM D 2896
	Petroleum & Oil	Viscosity @ 40 °C	ASTM D 445
	Petroleum & Oil	Viscosity @ 100 °C	ASTM D 445
	Petroleum & Oil	Density at 15°C	ASTM D 4052
	Petroleum & Oil	Density at 20°C	ASTM D 4052

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Petroleum Products, Petrochemicals & Lube Oils (Engine Oil, Base Oil)	Petroleum & Oil	ASTM Color	ASTM D 1500
Lube Oils (Engine Oil, Base Oil)	Lube Oil	Ca Content	ASTM D4628
	Lube Oil	Zn Content	ASTM D4628

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Director

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Accreditation Scope of Intertek Pakistan (Pvt.) Ltd. Karachi, 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
Drinking Water Potable Water Waste Water	Water	Metals (Cd, Co, Cu, Cr, Fe, Pb, Mn, Hg, Ni, Ag, V, Zn, Al, As, Ba, Be, Bi, Ca, Li, Mg, K, Se, Na, Sr)	APHA 3120B,3030 A,B,C,D /ICP OES
	Water	Chloride	APHA 4500 Cl-/Titration
	Water	pH	APHA 4500-H.B/ CyberScan pH meter
	Water	Electrical Conductivity	APHA 2510 B / Conductivity Meter
	Water	TDS	APHA 2540-C / Oven

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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	AOAC 928.08, 955.04, 954.01, 950.36, 920.53, 930.29, 930.33, 991.22, 979.09, 920.87
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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All Foods	Food	Carbohydrate content	Food Analysis of Nutritional Composition 1993 – 106
	Food	Calories	Food Analysis of Nutritional Composition 1993 – 106
	Food	Salt Content	AOAC 960.29, 935.43, 937.09, 935.47

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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
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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Director