



INTERNATIONAL
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CERTIFICATE OF ACCREDITATION

This is to attest that

INTERTEK INDIA PRIVATE LIMITED

F WING TEX CENTRE, CHANDIVALI FARM ROAD, OFF SAKI VIHAR ROAD, ANDHERI EAST
MUMBAI, MH 400072, INDIA

Testing Laboratory TL-1217

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date December 12, 2024



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

INTERTEK INDIA PRIVATE LIMITED (LABORATORY)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

F WING, SECOND FLOOR AND GROUND FLOOR, TEX CENTRE, CHANDIVALI FARM ROAD, MUMBAI,
MUMBAI SUBURBAN, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-11664

Issue Date: 22/05/2023

Valid Until:

21/05/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: INTERTEK INDIA PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

INTERTEK INDIA PRIVATE LIMITED

www.intertek.com/india

Contact Name Dhanashree Bhelose

Contact Phone +91-9930047685

Accredited to ISO/IEC 17025:2017

Effective Date December 12, 2024

Chemical	
APHA 2310 B	Acidity – Titration method
APHA 2320 B	Alkalinity – Titration method
APHA 2340 C	Hardness – EDTA Titration Method
APHA 2540 E	Solids – Fixed and Volatile Solids Ignited at 550°C.
APHA 4500-NH3C	Nitrogen (Ammonia) – Titrimetric method
APHA 4500-P C&D	Phosphorus – Vanadomolybdophosphoric acid colorimetric method & Stannous chloride method
APHA 5560 C	Organic And Volatile Acids-Distillation method
AS 4736	Biodegradable plastics – Biodegradable plastics suitable for composting and other microbial treatment
AS 5810	Biodegradable plastics – Biodegradable plastics suitable for home composting
ASTM D2980	Standard Test Method for Volume weights, Water-holding capacity, and Air capacity of water-saturated peat materials
ASTM D4129	Standard Test Method for total and organic carbon in water by high temperature oxidation and by coulometric detection
ASTM D5291	Standard Test Methods for instrumental determination of carbon, hydrogen, and nitrogen in petroleum products and lubricants
ASTM D5338	Standard Test Method for determining aerobic biodegradation of plastic materials under controlled composting conditions, incorporating thermophilic temperatures
ASTM D5511	Standard Test Method for Determining Anaerobic Biodegradation of Plastic Materials Under High-Solids Anaerobic-Digestion Conditions
ASTM D5526	Standard Test Method for determining anaerobic biodegradation of plastic materials under accelerated landfill conditions
ASTM D5864	Standard Test Method for determining aerobic aquatic biodegradation of lubricants or their Components
ASTM D5988	Standard Test Method for determining aerobic biodegradation of plastic materials in soil
ASTM D6400	Standard Specification for labelling of plastics designed to be aerobically composted in municipal or industrial facilities
ASTM D6691	Standard Test Method for determining aerobic biodegradation of plastic materials in the marine environment by a defined microbial consortium or natural seawater inoculum

TL-1217

INTERTEK INDIA PRIVATE LIMITED

Effective Date December 12, 2024

Page 2 of 6

IAS/TL/100-1



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ASTM D6868	Standard Specification for labelling of end items that incorporate plastics and polymers as coatings or additives with paper and other substrates designed to be aerobically composted in municipal or industrial facilities
ASTM D6954	Standard Guide for Exposing and testing plastics that degrade in the environment by a combination of oxidation and biodegradation
ASTM D8410	Standard Specification for Evaluation of Cellulosic-Fiber-Based Packaging Materials and Products for Compostability in Municipal or Industrial Aerobic Composting Facilities
ASTM E1676	Standard Guide for conducting laboratory soil toxicity or bioaccumulation tests with the Lumbricid Earthworm <i>Eisenia Fetida</i> and the Enchytraeid Potworm <i>Enchytraeus albidus</i>
ASTM E1963	Standard Guide for conducting terrestrial plant toxicity tests
EN 13432	Requirements for packaging recoverable through composting and biodegradation
EN 14995	Plastics - Evaluation of compostibility - Test scheme and specifications
IS 13933	Method of test for ready biodegradability of surface active agents (Modified Sturm Test)
IS 14684	Determination of Nitrogen and Nitrogenous compounds in Soils
IS 2720 (Part 2)	Indian Standard Methods of test for soils, Part II: Determination of water content
IS 3025 (Part 18)	Methods of sampling and test (physical and chemical) for water and wastewater, Part 18: Volatile and fixed solids (Total, filterable and non-filterable) at 550°C.
IS 3025 (Part 38)	Water & Wastewater – Methods of sampling and test (Physical & Chemical) Part 38: Dissolved oxygen
IS 3025 (Part 39)	Methods of sampling and test (physical and chemical) for water and wastewater, Part 39: Oil & Grease
IS 3025 (Part 65):2022	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 65 Application of Inductively Coupled Plasma Mass Spectrometry (ICP-MS) – Determination of selected elements including Uranium Isotopes (first revision)
IS 15109 (Part 2)	Soil quality - Determination of the effects of pollutants on soil flora: Part 2 effects of contaminated soil on the emergence and early growth of higher plants (First Revision)
IS 17899 T:2022	Assessment of biodegradability of plastics in varied conditions
IS/ISO 14855 (Part 1)	Determination of ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide, Part 1: General method
IS/ISO 15985	Plastics – Determination of the ultimate anaerobic biodegradation and disintegration und high solids anaerobic digestion conditions – method of analysis of related biogas
IS/ISO 16929	Plastics – Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test

TL-1217

INTERTEK INDIA PRIVATE LIMITED

Effective Date December 12, 2024

Page 3 of 6

IAS/TL/100-1



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IS/ISO 17088-2021	Compostable plastics – Specification
IS/ISO 17556	Plastics – Determination of the ultimate aerobic biodegradability in soil by measuring the oxygen demand in a respirometer or the amount of carbon dioxide evolved
IS/ISO 20200	Plastics – Determination of the degree of disintegration of plastic materials under simulated composting conditions in a laboratory-scale test
ISO 4484 Part 2	Textiles and textile products – Microplastics from textile sources Part 2: Qualitative and quantitative analysis of microplastics
ISO 4892-1	Plastics — Methods of exposure to laboratory light sources Part 1: General guidance and requirements
ISO 4892-3	Plastics — Methods of exposure to laboratory light sources Part 3: Fluorescent UV lamps
ISO 11261	Soil quality – Determination of total nitrogen – Modified Kjeldahl method
ISO 11268 (Part 1)	Soil quality – Effects of pollutants on earthworms Part 1: Determination of acute toxicity to <i>Eisenia fetida</i> / <i>Eisenia Andrei</i> Exclusion: Annex B Culturing of earthworms
ISO 11268 (Part 2)	Soil quality – Effects of pollutants on earthworms Part 2: Determination of effects on reproduction of <i>Eisenia fetida</i> / <i>Eisenia andreii</i> and other earthworm species
ISO 11269-2:2012	Soil quality – Determination of the effects of pollutants on soil flora – Part 2: Effects of contaminated soil on the emergence and early growth of higher plants
ISO 11465	Soil quality – Determination of dry matter and water content on a mass basis – Gravimetric method
ISO 14851:2019	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by measuring the oxygen demand in a closed respirometer
ISO 14852:2021	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by analysis of evolved carbon dioxide
ISO 14853:2016	Plastics – Determination of the ultimate anaerobic biodegradation of plastic materials in an aqueous system – Method by measurement of biogas production
ISO 14855 (Part 1)	Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide, Part 1: General method
ISO 14855-2:2018	Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide – Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test
ISO 15685:2012	Soil quality – Determination of potential nitrification and inhibition of nitrification – Rapid test by ammonium oxidation

TL-1217

INTERTEK INDIA PRIVATE LIMITED

Effective Date December 12, 2024

Page 4 of 6

IAS/TL/100-1



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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ISO 15985	Plastics – Determination of the ultimate anaerobic biodegradation under high-solids anaerobic-digestion conditions – Method by analysis of released biogas
ISO 16221	Water quality – Guidance for determination of biodegradability in the marine environment
ISO 16929	Plastics – Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test
ISO 17088:2021	Plastics – Organic recycling – Specifications for compostable plastics
ISO 17088 Annexure B	Detection of Per - and poly - fluorinated compounds and maximum concentrations of other hazardous substances
ISO 17556	Plastics – Determination of the ultimate aerobic biodegradability of plastic materials in soil by measuring the oxygen demand in a respirometer or the amount of carbon dioxide evolved
ISO 18830	Plastics – Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sandy sediment interface – Method by measuring the oxygen demand in closed respirometer
ISO 19679	Plastics – Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface – Method by analysis of evolved carbon dioxide
ISO 20136	Leather – Determination of degradability by micro-organisms
ISO 20200	Plastics – Determination of the degree of disintegration of plastic materials under composting conditions in a laboratory-scale test
ISO 21701	Textiles – Test method for accelerated hydrolysis of textile materials and biodegradation under controlled composting conditions of the resulting hydrolysate
ISO 22403	Plastics – Assessment of the intrinsic biodegradability of materials exposed to marine inocula under mesophilic aerobic laboratory conditions – Test methods and requirements
ISO 22404	Plastics – Determination of the aerobic biodegradation of non-floating materials exposed to marine sediment – Method by analysis of evolved carbon dioxide
ISO 24187	Principles for the analysis of microplastics present in the environment
NF T51-800	Technical Specifications for plastics suitable for home composting
OECD 201	Freshwater Alga and Cyanobacteria, Growth Inhibition Test
OECD 202	Daphnia sp. Acute Immobilisation Test
OECD 203	Fish, Acute toxicity test
OECD 207	Earthworm, Acute toxicity tests
OECD 208	Terrestrial Plant Test: Seedling emergence and seedling growth test
OECD 222	Earthworm Reproduction test (<i>Eisenia fetida</i> / <i>Eisenia andrei</i>)
OECD 301 A-F	Ready Biodegradability A. DOC Die – Away B. CO ₂ Evolution (Modified Strum Test)

TL-1217

INTERTEK INDIA PRIVATE LIMITED

Effective Date December 12, 2024

Page 5 of 6

IAS/TL/100-1



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	C. MITI (I) (Ministry of International Trade and Industry, Japan) D. Closed Bottle E. Modified OECD Screening F. Manometric Respirometry
OECD 302B	Zahn-Wellens/EMPA (1) Test
OECD 306	Biodegradability in Seawater
OECD 310	Ready Biodegradability - CO ₂ in sealed vessels (Headspace Test)
PAS 9017	Plastics – Biodegradation of polyolefins in an open-air terrestrial environment – Specification





National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11664 **Page No** 1 of 6

Validity 22/05/2023 to 21/05/2025 **Last Amended on** 02/03/2024

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Earthworm Toxicity Test (Mortality Rate)	ASTM E1676
2	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Earthworm Toxicity Test (Mortality Rate)	I IPL/17025/ENV/SOP/6.4/27 (IS 17899 T Aerobic), Issue No. 02, Issue Date: 22.12.2022
3	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Earthworm Toxicity Test (Mortality Rate)	I IPL/17025/ENV/SOP/6.4/28 (IS 17899T anaerobic), Issue No. 2, Issue Date: 22.12.2022
4	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Earthworm Toxicity Test (Mortality Rate)	ISO 11268 (Part 1)
5	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Earthworm Toxicity Test (Mortality Rate)	ISO 11268 (Part 2)
6	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test (Terrestrial Plant Toxicity Test)	ASTM E1963
7	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	I IPL/17025/ENV/SOP/6.4/25 (ASTM D6868), Issue No. 2, Issue Date: 22.12.2022
8	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	I IPL/17025/ENV/SOP/6.4/26 (EN 13432), Issue No. 2, Issue Date: 22.12.2022
9	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	I IPL/17025/ENV/SOP/6.4/27 (IS 17899T Aerobic), Issue No. 2, Issue Date: 22.12.2022
10	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	I IPL/17025/ENV/SOP/6.4/28 (IS 17899T Anaerobic), Issue No. 2, Issue Date: 22.12.2022
11	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	I IPL/17025/ENV/SOP/6.4/24 (ISO 17088), Issue No. 2, Issue Date: 22.12.2022
12	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Earthworm Toxicity Test (Mortality Rate)	I IPL/17025/ENV/SOP/6.4/24 (ISO 17088), Issue No. 2, Issue Date: 22.12.2022
13	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Earthworm Toxicity Test (Mortality Rate)	OECD 207
14	BIOLOGICAL-TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	I IPL/17025/ENV/SOP/6.4/23 (ASTM D6400), Issue No. 2, Issue Date: 22.12.2022



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	INTERTEK INDIA PRIVATE LIMITED (LABORATORY), F WING, SECOND FLOOR AND GROUND FLOOR, TEX CENTRE, CHANDIVALI FARM ROAD, MUMBAI, MUMBAI SUBURBAN, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11664	Page No	2 of 6
Validity	22/05/2023 to 21/05/2025	Last Amended on	02/03/2024

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15	BIOLOGICAL- TOXICOLOGY	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	OECD 208
16	CHEMICAL- COSMETICS & ESSENTIAL OILS	Cosmetics oils, Soap facewash, bodywash, cleansing soaps, cosmetics gels, cosmetics raw material	Carbon dioxide evolved content	OECD 301B
17	CHEMICAL- COSMETICS & ESSENTIAL OILS	Cosmetics oils, Soap facewash, bodywash, cleansing soaps, cosmetics gels, cosmetics raw material	Carbon dioxide evolved content	IS 13933
18	CHEMICAL- LUBRICANTS	Paraffin oil, fuel, oils, Lubricants additives, wax	Carbon dioxide evolved content	ASTM D5864
19	CHEMICAL- LUBRICANTS	Paraffin oil, fuel, oils, Lubricants additives, wax	Carbon dioxide evolved content	IS 13933
20	CHEMICAL- LUBRICANTS	Paraffin oil, fuel, oils, Lubricants additives, wax	Carbon dioxide evolved content	OECD 301B
21	CHEMICAL- PAINTS & SURFACE COATING	Paint polymer, Paint pigment/colors, polishes, Coatings, surface polymer coating, oils	Carbon dioxide evolved content	OECD 301B
22	CHEMICAL- PAINTS & SURFACE COATING	Paint polymer, Paint pigment/colors, polishes, Coatings, surface polymer coating, oils	Carbon dioxide evolved content	IS 13933
23	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Conversion of carbon content of product to gaseous carbon dioxide	IS/ISO 14855 (Part 1)
24	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon dioxide evolved content & conversion of carbon content of product to gaseous carbon	ASTM D5988
25	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon dioxide evolved content & Conversion of carbon content of product to gaseous carbon	ISO 17556
26	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Total Organic Carbon	ASTM D4129
27	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon dioxide evolved Content & Conversion of carbon content of product to gaseous carbon	ASTM D5338
28	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon Dioxide Evolved Content (by conversion of carbon content of plastic material into gases under controlled composting conditions)	IS/ISO 14855 (Part 2)



National Accreditation Board for Testing and Calibration Laboratories

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11664 **Page No** 3 of 6

Validity 22/05/2023 to 21/05/2025 **Last Amended on** 02/03/2024

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29	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon Dioxide Evolved Content (by conversion of carbon content of plastic material into gases under controlled composting conditions)	ISO 14855 (Part 2)
30	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon dioxide and methane evolved content & Conversion of carbon content of product to gaseous carbon	ASTM D5511
31	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Conversion of carbon content of product to gaseous carbon dioxide	ISO 14855 (Part 1)
32	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Conversion of carbon content of product to gaseous carbon dioxide and methane	IS/ISO 14853
33	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Conversion of carbon content of product to gaseous carbon dioxide and methane	ISO 14853
34	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Conversion of carbon content of product to gaseous carbon dioxide and methane	ISO 15985
35	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Degree of disintegration	ISO 16929
36	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Degree of disintegration	ISO 20200
37	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Evolved carbon dioxide for Ultimate aerobic biodegradability of plastic materials in an aqueous medium	ISO 14852
38	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Evolved carbon dioxide for Ultimate aerobic biodegradability of plastic materials in an aqueous medium	IS/ISO14852



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11664	Page No	4 of 6
Validity	22/05/2023 to 21/05/2025	Last Amended on	02/03/2024

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39	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Measuring the oxygen demand in a closed respirometer for Ultimate aerobic biodegradability of plastic materials in an aqueous medium.	ISO 14851
40	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Measuring the oxygen demand in a closed respirometer for Ultimate aerobic biodegradability of plastic materials in an aqueous medium.	IS/ISO 14851
41	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Ready Biodegradability - CO2 in sealed vessels (Headspace Test)	OECD 310
42	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/ Polypropylene/ Nylon Textile fibers, Granules/powdered polymers, Laminates/ Extrusion mixing polymer	Carbon content of plastic/polymer material	ASTM D5291
43	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon dioxide and methane evolved content & Conversion of carbon content of product to gaseous carbon	IS/ISO 15985
44	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Carbon dioxide evolved content & Conversion of carbon content of product to gaseous carbon	IS/ISO 17556
45	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Degree of disintegration	IS/ISO 16929
46	CHEMICAL- PLASTIC & RESINS	Packaging Material, Plastics film/sheets and products, Polymer & additive coated/laminated paper, Polystyrene/Polypropylene/ Nylon Textile fibers, Granules/powdered polymers	Degree of disintegration	IS/ISO 20200
47	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Oil and Grease	IS 3025 (Part 39)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Acidity as CaCO3	APHA 24th Edition 2310 B
49	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Ammoniacal Nitrogen as NH3-N	APHA 24th Edition 4500-NH3 C



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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11664	Page No	5 of 6
Validity	22/05/2023 to 21/05/2025	Last Amended on	02/03/2024

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50	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Dissolved oxygen (DO)	IS 3025 (Part 38)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Total Alkalinity as Caco3	APHA 24th Edition 2320 B
52	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Total Hardness as Caco3	APHA 24th Edition 2340 C
53	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Total Phosphate as PO4	APHA 24th Edition 4500-P C & D
54	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage, effluent and wastewater	Volatile solids	IS 3025 (Part 18)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Determination of potential nitrification and inhibition of nitrification	ISO 15685
56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	IS 15109 (Part 2)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Compost, Soild waste, Effluents sludge/slurry/solids	Seedling emergence and seedling growth test	ISO 11269 (Part 2)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Compost, Sediments	Determination of total nitrogen	ISO 11261
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Compost, Sediments	Determination of Water Content	IS 2720 (Part 2)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Compost, Sediments	Total Dry Soilds	ISO 11465
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Compost, Sediments	Total Volatile solids	ISO 11465
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Compost, Sediments	Water Holding Capacity	ASTM D2980
63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, compost, Sediments.	Determination of Nitrogen and Nitrogenous Compounds	IS 14684
64	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Arsenic (AS)	IS 3025(part 65)
65	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Cadmium(Cd)	IS 3025(part 65)
66	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Chromium (Cr)	IS 3025(part 65)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INTERTEK INDIA PRIVATE LIMITED (LABORATORY), F WING, SECOND FLOOR AND GROUND FLOOR, TEX CENTRE, CHANDIVALI FARM ROAD, MUMBAI, MUMBAI SUBURBAN, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11664 **Page No** 6 of 6

Validity 22/05/2023 to 21/05/2025 **Last Amended on** 02/03/2024

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
67	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Copper (Cu)	IS 3025(part 65)
68	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Lead (Pb)	IS 3025(part 65)
69	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Mercury (Hg)	IS 3025(part 65)
70	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Nickel (Ni)	IS 3025(part 65)
71	CHEMICAL- RESIDUES IN WATER	Groundwater/surface water, water for construction purposes, water for industrial purposes, water for swimming pools and Spas, and water from purifiers	Zinc (Zn)	IS 3025(part 65)
72	CHEMICAL- SOLID FUELS	Coal	Determination of Carbon	ASTM D5373
73	CHEMICAL- SOLID FUELS	Coal	Determination of Hydrogen	ASTM D5373
74	CHEMICAL- SOLID FUELS	Coal	Determination of Nitrogen	ASTM D5373
75	CHEMICAL- SOLID FUELS	Coal	Determination of Oxygen	ASTM D3176
76	CHEMICAL- SOLID FUELS	Coal	Determination of Sulphur	IS 1350 (Part 3)
77	CHEMICAL- SOLID FUELS	Coke	Determination of Carbon	ASTM D5373
78	CHEMICAL- SOLID FUELS	Coke	Determination of Hydrogen	ASTM D5373
79	CHEMICAL- SOLID FUELS	Coke	Determination of Nitrogen	ASTM D5373
80	CHEMICAL- SOLID FUELS	Coke	Determination of Oxygen	ASTM D3176
81	CHEMICAL- SOLID FUELS	Coke	Determination of Sulphur	IS 1350 (Part 3)
82	CHEMICAL- WATER	Ground Water	Volatile Solids	IS 3025 (Part 18)
83	CHEMICAL- WATER	Ground water	Oil & Grease	IS 3025 (Part 39)
84	CHEMICAL- WATER	Ground Water	Volatile acids	APHA 24th Edition 5560 C
85	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (Part 39)
86	CHEMICAL- WATER	Surface Water	Volatile acid	APHA 24th Edition 5560 C
87	CHEMICAL- WATER	Surface Water	Volatile Solids	IS 3025 (Part 18)