



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# 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](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## INTERTEK INDIA PRIVATE LIMITED

[www.intertek.com/india](http://www.intertek.com/india)

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*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

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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 compositing 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

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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 andrei</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

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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 <sub>2</sub> Evolution (Modified Strum Test)

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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 <sub>2</sub> in sealed vessels (Headspace Test)
PAS 9017	Plastics – Biodegradation of polyolefins in an open-air terrestrial environment – Specification

