

# Scoop

## THE LATEST TRENDS, SERVICES & PROMOTIONS

CONNECTIVITY & PRODUCTS

APRIL 2022

## IAS & DAkkS Accredits SGS Hong Kong for Biodegradability & Compostability Testing

**Biodegradation** is the process by which organic substances are broken down into smaller compounds by the enzymes produced by living microbial organisms, which transform the substance through metabolic or enzymatic processes.

**Compostability** is a characteristic of a product, packaging or associated component that allows it to biodegrade under specific conditions.

As the world's leading testing, inspection and certification company, SGS' innovative solutions enable you to design and manufacture safer, more sustainable products, reduce waste, minimize environmental risks, increase health and safety for increasing your cost-efficiency and boosting your environmental credentials.



To purchase these services, please visit TIC Mall:

1. For [Biodegradable](#) Testing
2. For [Compostable](#) Testing

### FOR ENQUIRIES

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With such recognition, [International Accreditation Service \(IAS\)](#) and [Deutsche Akkreditierungsstelle \(DAkkS\)](#) had accredited SGS Hong Kong, under ISO/IEC 17025:2017, to include Biodegradable & Compostable Testing Services.

The scopes of accreditation are shown below:

TEST ITEM	APPLICABLE STANDARDS	IAS	DAKKS
ASTM D5338-15 (2015-06-01)	Standard Test Method for Determining Aerobic Biodegradation of Plastic Materials Under Controlled Composting Conditions, Incorporating Thermophilic Temperatures	✓	✓
EN 13432 (2001-02-16)	Packaging - Requirements for packaging recoverable through composting and biodegradation - Test scheme and evaluation criteria for the final acceptance of packaging	✓	✓
ISO 14855 Second Edition (2012-12-01)	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 17088 Second Edition (2012-06-01)	Specifications for compostable plastics	✓	
ISO 20200 Second Edition (2015-11-15)	Plastics — Determination of the degree of disintegration of plastic materials under simulated composting conditions in a laboratory-scale test	✓	✓
To view our Certificate & Accreditation scopes		<a href="#">Here</a>	<a href="#">Here</a>

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