

Compostability LAB by ITENE

Compostability and biodegradability testing services

ITENE provides internationally recognised laboratory testing services that help companies to:

- Determine whether a product, intermediate material or additive can be organically recycled through composting.
- Obtain the most important international compostability and biodegradability certifications.

These tests can be applied to different types of cellulose and plastic materials, and also to different types of additives and products, such as bags, packaging or single-use utensils.

TESTS APPROVED BY THE MAIN CERTIFICATION MARKS

COMPLIANCE WITH ALL INTERNATIONAL STANDARDS

EXPERT ASSISTANCE AND DETAILED TEST REPORT

Tests approved by the main global standards

Tests based on the following standards:

EN 13432
EN 14995
EN 17427

ASTM
D6400
D6868

ISO 17088
ISO 18606

AS5810
AS4736

We are a recognised laboratory for carrying out tests for industrial and home composting certification in accordance with European, American and international standards.

Certifications of the most relevant entities across the world

Our laboratories are accredited according to the international quality **UNE-EN ISO/IEC 17025:2017** standard.

In addition, in 2019, **ITENE became the first centre in Spain accredited by ENAC** to carry out compostability tests in its four phases based on the **EN 13432 standard**.

We are able to produce test reports recognised by **TÜV AUSTRIA**, **DIN CERTCO**, **BPI**, **EUROPEAN BIOPLASTICS, COMPOSTABLE MATERIALS (REAL)** and **AUSTRALASIAN BIOPLASTICS (ABA).**

Through these reports, companies can obtain the **main certification marks**:

Industrial compostability:

Home compostability:

Soil & Water biodegradable:

Comprehensive testing process required for compostability certification



Material characterisation

Determining the content of organic matter and levels of regulated metals and other hazardous substances.



Disintegration

Specifically checking the product's physical disappearance by carrying out a compostability test at pilot and laboratory scale.



Biodegradation

Defining the biodegradation levels of the product, intermediate material or additive.



Compost quality

Analysing the physico-chemical properties of the compost obtained and carrying out toxicity tests on plants, invertebrates and bacteria.

Contact our testing specialist directly

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Close contact and competitive service

We offer a personalised service to companies around the world.



Amparo Gala

Head of Testing Services Unit

Compostability LAB by ITENE

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