

# iBio

**COMPOSTABLE BIOPOLYMER  
PACKAGING FOR YOUR BUSINESS**

**UAB Inorega**  
Lithuania  
2025

## PLA USED IN OUR PRODUCTION

Biopolymer is a 100% plant-based plastic alternative derived from corn starch. Unlike traditional petroleum-based plastics, it is:

- **Renewable** – Made from annually harvestable crops
- **Biodegradable** – Breaks down into water, CO<sub>2</sub>, and biomass
- **Non-toxic** – Safe for food contact and compostable. (Home and industrial)



## CERTIFICATES

- **Approved for use in food contact applications in EU (EC No. 10/2011), USA (FDA 21 CFR) and China (GB 9685-2016)**
- **Compliant with EN13432 and ASTM D6400 standards for industrial composting**
- **Biobased content of 100% according to EN16785-1 and ASTM D6866**
- **REACH compliant**
- **Reduced carbon footprint - peer reviewed LCA study available.**
- **Made from GMO-free crops.**

## EU REGULATIONS

Our biopolymer packaging is designed to comply with Regulation (EU) 2025/40

The Circular Economy Action Plan

The European Green Deal

The Plastics Strategy

- **High recycling benchmarks**
- **100% bio-based materials**
- **Composted packaging is exempt from the pollution tax.**

# OUR PRODUCTS AND SERVICES

## PACKAGING AND MATERIALS

### Preforms & Bottles

- Water
  - Soft drinks and juices
  - Milk and milk drinks
  - Food oils
  - Syrups
  - Non-alcoholic beverages
  - Pharmaceutical bottles & packaging
  - Cosmetic industry
- Biopolymer compounds for various applications: Injection, extrusion, thermoforming.
- Compound applications - food, cosmetics, pharmaceutical industries

## CLOSURES FOR PACKAGING

For customer convenience, we can offer homogeneous packaging. Both the packaging and the packing cap are made of the same type of material.



## PRODUCTION SERVICES

We offer our customers individual bespoke production

- Consultation
- Product design and material selection
- Mould making
- Production



# OUR BIO-BASED PRODUCTS



# WHY CHOOSE OUR SOLUTIONS NOW?

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- 1) Increase your company's sustainability performance and product value.
- 2) Implement a waste reduction strategy.
- 3) Packaging composting options, both industrial and household
- 4) PLA biopolymer emits 80% less CO<sub>2</sub> than petroleum-based plastics
- 5) No microplastic emissions!!! 

**Act now: biopolymer packaging ensures a smoother transition to the EU's circular economy industry and creates high added value for your product.**

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**UAB Inorega**

Phone number: +37068638138 Email: [business@ibio.lt](mailto:business@ibio.lt) Web: [www.ibio.lt](http://www.ibio.lt)  
Address: Rudausiu g. 13 Rudausiu k. Nemenčinės sen. Vilniaus raj. LT-15167, Lietuva.