

# **Gluten-free wheat starch**

Gluten-free wheat starch from Lantmännen Biorefineries is a fine, white powder with a clean and natural flavour, refined from selected quality winter wheat in a natural process.

For people with coeliac disease, keeping gluten out of their diet is of utmost importance. There are an increasing number of people who have adopted a gluten-free diet for health or dietary reasons. For manufacturers of gluten-free foods, gluten-free wheat starch is an excellent ingredient for many different food applications.

Wheat starch has a unique functionality in baked goods compared to other starches, leading to improved baking characteristics. It stabilizes bread crumb structure and texture, resulting in bread with an even crumb. When baking gluten-free, the stabilizing and binding function of gluten must be reached via the addition of other ingredients; for example hydrocolloids and fibres.

Lantmännen Biorefineries' gluten-free wheat starch can replace native wheat starch as it has the same functionality.



### **Benefits**

- 100% non-GMO winter wheat
- Each batch is third-party tested and analyzed
- Guaranteed gluten-free according to **European directives**
- Fine white powder with a neutral flavor
- Excellent texture and volume in baking

### **Responsibly produced** and tested

Gluten-free wheat starch from Lantmännen is responsibly produced and refined from selected, non-GMO winter wheat. Each batch of our glutenfree wheat starch is third-party tested to ensure it is gluten-free according to European directives.

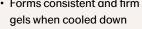
### **Properties**

#### **Typical characteristics**

- · Fine, white powder
- Clean and neutral flavour
- Forms consistent and firm gels when cooled down
- Less than 0,35% protein

directives

- · Non-soluble in cold water
- · Hot swelling



- Gluten-free with  $\leq$  20 ppm gluten, according to EU

## **Applications**

#### Ideal to use in

- Hard bread · Yeast-raised products
- Bread loafs and buns

Cakes and biscuits

- Hamburger buns
- · Baking and flour mixes

Waffles

Pizzas

### Quality

#### Certifications

The production at Lantmännen Biorefineries is certified according to:

- FSSC 22000 • ISO 14001
- ISO 9001

#### Lantmännen's Gluten-free wheat starch is:

- Kosher • Halal
- Non-GMO

### **Nutritional**

Content values	
Moisture (%):	≤13
pH:	6 - 8
Protein (% of DM):	≤ 0,30
Gluten (mg / kg):	≤20

#### Innovation from field to fork

Lantmännen Biorefineries is part of Lantmännen, an agricultural cooperative and Northern Europe's leader in agriculture, machinery, bioenergy and food products. With research and operations throughout the entire value chain, we take responsibility from field to fork.

#### Contact us



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