



NATUNASE BG PRIME

Beta-glucanase enzyme for improved filtration, viscosity reduction, and extract yield in malt processing.

In malt and grain processing, high beta-glucan content leads to increased viscosity, poor filtration, and reduced extract yield, impacting overall process efficiency and throughput.

Natunase BG Prime is a specialized beta-glucanase enzyme designed to break down beta-glucans, improving wort separation, reducing viscosity, and enhancing process efficiency.

Mode of Action

Hydrolyses beta-glucans present in cell walls of grains into smaller soluble fractions.

Reduces mash viscosity, enabling improved filtration and separation efficiency.

Enhances extract release by improving breakdown of cell wall components.

Product Key Benefits

- Reduces viscosity in mash and wort
- Improves filtration rate and efficiency
- Enhances extract yield from malt
- Improves process throughput and consistency
- Supports better downstream processing performance

Product Application

Applicable in malt and grain processing industries.

Used during mashing stage for beta-glucan breakdown.

Operational Conditions

- Temperature: 40–75°C
- pH: 4.5–6.2

Dosage

- 0.15–0.3 kg per ton of malt (depending on grist composition)

Product Characteristics

- Composition: Beta-glucanase enzyme
- Form: Powder
- Appearance: Off White to Brown

Product Packaging

- Available in 25 Kg Drums

Product Shelf Life

- 1 year (below 25°C, refrigerated conditions recommended)

Product Handling

- Store in cool, dry, and sheltered conditions away from sunlight.
- Prefer refrigerated storage.
- Avoid inhalation of enzyme aerosols.
- Use PPE including gloves and eye protection.
- Follow MSDS guidelines for safe handling.



ISO 9001:2015 Certified | FSSC 22000 Certified

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Certifications:

