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TECHNICAL DATA SHEET

TDS-ENZ289-EN · REV. 02 · 2026-11-03

Glucose Oxidase & Phospholipase Enzyme Powder 10,000 U/g

Dual-function bread improver powder of glucose oxidase and phospholipase, declared at 10,000 U/g.

SKU **ENZ289** CATEGORY **ENZYMES FOR BREAD BAKING** CAS **9001-37-0** FORM **POWDER**

Not restricted for transport · GMO-free · Produced by submerged fermentation

DECLARED ACTIVITY	FORM	ENZYME COMPONENTS	APPLICATION
10,000 U/g	**Powder**	**2**	**Bread baking**
as stated in the product title	enzyme powder	glucose oxidase and phospholipase	dual-function bread improver for dough

SPECIFICATION

IDENTITY		
Enzyme components	Glucose oxidase and phospholipase	Typical
CAS number	9001-37-0	Typical
ACTIVITY		
Enzyme activity	**≥ 10000 U/g**	Spec
PHYSICAL		
Appearance	**Light yellow powder**	Spec
Form	Powder	Typical
PURITY AND HYGIENE		
Lead (Pb)	≤ 5.0 mg/kg	Spec
Arsenic (As)	≤ 3.0 mg/kg	Spec
Total plate count	≤ 50000 CFU/g	Spec
Coliforms	≤ 30 CFU/g	Spec

Spec = release limit, confirmed on every lot's Certificate of Analysis. **Typical** = normal product behaviour, not a release limit.

STORAGE & PACKAGING

SHELF LIFE
12 months

STORAGE
Store humidity-protected (RH < 60%) at temperature below 25°C

PACK SIZE
Not stated

ORDERING
Online or by e-mail; current price on the product page

APPLICATIONS

Bread baking
Improve bread dough as a dual-function bread improver.

Gluten strengthening
Strengthen gluten in bread dough.

Dough emulsification
Provide emulsification in dough.

DOSAGE

Determine by trial
no application rate stated on the product page

Each lot is released against its specification; the lot Certificate of Analysis reports the measured values.

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Online: enzymes.bio/product/phospholipase-glucose-oxidase-enzyme-cas9001370

Enzyme preparations are proteins and may sensitise; avoid skin, eye and inhalation contact. This technical data sheet gives the product specification and typical values; it is not a batch certificate. A Certificate of Analysis for the supplied lot accompanies each shipment. Safety Data Sheet on request.

SCAN TO ORDER