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TECHNICAL DATA SHEET

TDS-ENZ029-EN · REV. 02 · 2026-11-03

Food Grade Powder Lactase Enzyme 100 000ALU/G

Food grade lactase enzyme powder, 100,000 ALU/G, for lactose hydrolysis in dairy applications.

SKU **ENZ029** CATEGORY **DAIRY ENZYMES** CAS **9031-11-2** GRADE **FOOD GRADE** MAIN INGREDIENT **LACTASE**

Food grade · Not restricted for transport · Produced by submerged fermentation

DECLARED ACTIVITY	FORM	PACK SIZE
100,000 ALU/G	**Powder**	**200 grams (7 oz)**
as stated on the product page	lactase enzyme powder	selectable pack weight

SPECIFICATION

IDENTITY	
Main ingredient	Lactase Typical
CAS	9031-11-2 Typical
ACTIVITY	
Enzymatic activity	**≥ 100,000 FCC U/g** Spec
PHYSICAL	
Appearance	**Powder with good fluidity** Spec
Loss on drying	≤ 8.0 % Spec
Form	Powder Typical
Density	1.1±0.1 g/cm3 Typical
Color	White Typical
PURITY AND HYGIENE	
Lead (as Pb)	≤ 5 mg/kg Spec
Arsenic (as As)	≤ 3 mg/kg Spec
Coliforms	≤ 30 CFU/g Spec
E. coli	Absent /25 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
Not stated

PACK SIZE
200 grams (7 oz)

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

APPLICATIONS

Hydrolyse lactose in milk and milk products
Breaks lactose into glucose and galactose

Take lactase to help break down lactose in milk
Helps people who do not make enough lactase tolerate milk

Support lactose digestion in dairy processing
Prevents cramps, diarrhea and gas in people with low lactase

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.

enzymes.bio · Level 1, 6 Johnsonville Road, Wellington 6037, New Zealand · **Tel (USA) +1 (507) 428-6057** · wholesale@enzymes.bio

Online: enzymes.bio/product/food-grade-price-powder-lactase-enzyme

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