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TECHNICAL DATA SHEET

TDS-ENZ045-EN · REV. 02 · 2026-11-03

Keratinase Powder, Feed Grade

Keratinase enzyme powder that hydrolyzes keratin in feather meal and poultry by-products.

SKU **ENZ045** CATEGORY **ENZYMES FOR ANIMAL FEED** CAS **9014-01-1** GRADE **FOOD & INDUSTRIAL**

TEST METHOD **HPLC**

Industrial grade Not restricted for transport

SHELF LIFE
12 months
sealed, see storage below

FORM
Off White Powder
appearance as stated on the product page

DECLARED SPECIFICATION
99%
test method HPLC

PACKAGING
Bottle, Bag, Aluminum Foil Bag
pack types listed on the product page

SPECIFICATION

IDENTITY	
Active ingredient	**Keratinase** Typical
CAS No.	9014-01-1 Typical
ACTIVITY	
Specification	**99%** Typical
Test method	HPLC Typical
PHYSICAL	
Appearance	Off White Powder Typical

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 in cool and dry place, keep away from strong light and heat.

PACK SIZE
Not stated

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

APPLICATIONS

Hydrolyze keratin in feather meal and poultry by-products
Increases protein digestibility in feed

Process discarded feathers in the feed industry
Feather keratin has a crude protein content above 80%

Degrade keratin in agriculture
Produces peptides and amino acids for making organic fertilizers

Apply in skin care products
Helps active factors penetrate the skin barrier and removes excess keratin

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/keratinase-powder-feed-grade-keratinase-enzyme-powder

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