

PRODUCTS WITH PURPOSE

Enzymes



Tolerase® G & Tolerase® L / Digestive enzymes

Product and Description	Certifications				De els Cine		Form		Main Application			Specific Application					
	Kosher	Halal	DMF*	CEP	(kg)	Product Code	Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegan	Vegetarian
Tolerase® G Prolyl oligopeptidase. Micro granulated powder, 580,000 PPI/g	•	•			5	50 1488 3.304		•		•							•
Tolerase® L Acid lactase. Micro granulated powder, 100,000 ALU/g	•	•			5	50 1454 9.304		•		•							•

ADDITIONAL INFORMATION | Digestive enzymes (Tolerase® G & Tolerase® L)

ROLE:

Tolerase® G is a micro granulated food enzyme preparation containing prolyl oligopeptidase. Some humans may lack enzymes which can fully digest proline-rich peptides, such as in gluten. Tolerase® G has been proven to degrade proline-rich gluten epitopes. It addresses the needs of consumers who want to reduce their dietary gluten exposure.

Tolerase* L is a micro-granulated food enzyme preparation containing acid lactase. Lactase is needed to digest lactose, which is the main carbohydrate source of dairy products. Since many adults don't produce enough lactase, lactose is not properly digested in the small intestine but fermented by the microbial flora in the large intestine. The resulting by-products cause diarrhoea, abdominal cramps, flatulence and nausea. The use of lactase can prevent these unpleasant side-effects of consuming dairy products. Acid lactase works especially well at low pH, making it particularly suitable to digest lactose in the stomach.

HEALTH BENEFITS & SOLUTIONS:

Improve your gut health.

EU CLAIMS:

· Lactase enzyme improves lactose digestion in individuals who have difficulty digesting lactose.



ADDITIONAL INFORMATION | Labeling

KOSHER AND HALAL CERTIFICATION

Typically our products have Kosher (OU) and the main Halal certifiers (IFANCA, HFCE, MUI). We occasionally use other certification organization as well, but these are typically for special cases or back-up. Information about the other available certificates may be available upon request.

SPECIFIC PRODUCT INFORMATION

Product Data Sheets and Safety Data Sheets are available for all products listed in this catalogue. They contain information on product description and identification, specification and stability and storage conditions.

Some of the listed products are used either as vitamins (nutrients / Active Pharmaceutical Ingredients / excipients) or as food additives for technological purposes; some of them serve both purposes and are authorized in most countries. However, there are local regulations according to which their use may be restricted. It is therefore advisable to consult the corresponding regulation.

For further information on our products (local availability and prices), please contact the DSM Nutritional Products' office nearest to you or one of the addresses listed on the back cover.

RSPO CERTIFICATION

DSM made a commitment in 2013 to source all palm oil and palm oil derivatives in a sustainable manner by either using GreenPalm certificates under "Book & Claim" scheme or Mass Balance certification.





With our broad service offerings, customers get an integrated partner, from concept to consumer.

PRODUCTS

Active pharmaceutical ingredients (APIs)

Carotenoids

Digestive enzymes

Human milk oligosaccharides (HMOs)

Hydrocolloids

Nutraceuticals

Nutritional lipids

Probiotics and prebiotics

Vitamins

CUSTOMIZED SOLUTIONS

Coloration solutions

Market-ready solutions

Personalized nutrition solutions

Premix solutions

Shelf-life solutions

EXPERT SERVICES

Application and technical services

Innovation and R&D services

Insights and marketing services

Regulatory and quality services

Scientific services

Our products can make yours stronger. Learn how at DSM-Products.com.

DSM has used diligent care to ensure that the information provided herein is accurate and up-to-date, however, DSM makes no representation or warranty, either expressly or implied, of the accuracy, reliability, or completeness thereof. The information provided herein contains scientific and product information for business to business use and does not constitute or provide scientific or medical advice, diagnosis, or recommendation for treatment. Country or region-specific information should be considered when labeling or advertising to final consumer. In no event shall DSM be liable for any damages arising from or reliance upon, or use of, any information provided herein. The content of this document is subject to change without further notice. Please contact your local DSM representative for further details. All trademarks listed in this document are either (registered) trademarks licensed by, the DSM group of companies in the Netherlands and/or other countries, unless explicitly stated otherwise.

© DSM Nutritional Products Ltd 2023