

Novamyl® 1500 MG

Valid from 2010-03-23

Product Characteristics:

Declared enzyme	Maltogenic amylase
Declared activity	1500 MANU/g
Colour	Light brown Colour can vary from batch to batch. Colour intensity is not an indication of enzyme activity.
Physical form	Granulate
Properties	Freeflowing, low-dusting
Particle size	Approx. 160-600 microns
Carriers	Wheat flour
Stabilisers	Sodium chloride
	This product is standardized by Documented Addition in a process controlled by Novozymes ISO 9001 quality system. See Documented Addition Info Sheet for further information.
Solubility	Active component is readily soluble in water at all concentrations that occur in normal usage. Standardisation components can cause turbidity in solution.
Production organism	Bacillus subtilis
Production method	Produced by submerged fermentation of a genetically modified micro organism. The enzyme protein, which in itself is not genetically modified, is separated and purified from the production organism.

Product Specification:

	Lower Limit	Upper Limit	Unit
Maltogenase Units MANU	1500		/g
Total Viable Count	-	50000	/g
Coliform Bacteria	-	30	/g
Enteropathogenic E.Coli	Not Detected		/25 g
Salmonella	Not Detected		/25 g

The product complies with the recommended purity specifications for food-grade enzymes given by the Joint FAO/WHO Expert Committee on Food Additives (JECFA) and the Food Chemical Codex (FCC).

Packaging: See the standard packaging list for more information.

Recommended Storage:

Best before When stored as recommended, the product is best used within 12 months from date of delivery.

Storage at customer's warehouse 0-25°C (32°F-77°F)

Storage Conditions In unbroken packaging - dry and protected from the sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperature or higher humidity may lead to a higher dosage requirement.

Safety and handling precautions

Enzymes are proteins. Inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some enzymes may irritate the skin, eyes and mucous membranes upon prolonged contact. This product has been developed to resist some mechanical effects. However, excessive mechanical wear and tear or crushing may create dust. All spills, however minor, should be removed immediately. Use respiratory protection. Major spills should be carefully shovelled into plastic-lined containers. Minor spills and the remains of major spills should be removed by vacuum cleaning or flushing with water (avoid splashing). Vacuum cleaners and central vacuum systems should be equipped with HEPA filters. Wear suitable protective clothing, gloves and eye/face protection as prescribed on the warning label. Wash contaminated clothes. A Material Safety Data Sheet is supplied with all products. See the Safety Manual for further information regarding how to handle the product safely.