

## Vinozym® FCE G

**Valid From**

**2007-01-01**

**Product Characteristics:**

Declared Enzyme	Polygalacturonase
Declared Activity	5300 PGU/g
Side activities	The product contains no significant activity of Cinnamylesterase
Colour	Off-white Colour can vary from batch to batch. Colour intensity is not an indication of enzyme activity.
Physical form	Granulate
Properties	Freeflowing, low-dusting
Carriers	Maltodextrin
Stabilisers	Citric acid Trisodium citrate dihydrate
Preservatives Comment	No preservatives added
Odour	Slight fermentation odour
Solubility	Readily soluble
Production organism	Aspergillus niger Aspergillus aculeatus  Produced by submerged fermentation of micro organisms. The enzyme protein is separated and purified from the production organisms.

## Product Specification:

	Lower Limit	Upper Limit	Unit
Polygalacturonase PGU	5300		/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 Best before date appears from label or CoA as requested.

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.