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## Product Information

# 180P

AlphaGal™ 180P EN180.PAA

### General Description

AlphaGal™ 180P contains a source of alpha-galactosidase derived from *Saccharomyces cerevisiae* and carbohydrases derived from *Bacillus subtilis*, *Aspergillus niger* and *Trichoderma longibrachiatrum*. Alpha-galactosidase is an exo-activity which catalyses the hydrolysis of alpha 1,6 linked galactose moieties present in polysaccharides, oligosaccharides, galactomannans and galactolipids. The selected carbohydrases hydrolyze 1,4-B-D glycosidic linkages and various other non-starch polysaccharides.

### Application

AlphaGal™ 180P is designed for corn, soya and ddgs based poultry diets. Treatment with AlphaGal™ 180P improves the nutritional value of corn,soya and ddgs containing diets and prevents intestinal discomfort and flatulence. Product should be applied at the rate of ¼ to ½ lb per ton of complete feed.

### Specification

Alpha-galactosidase activity: minimum 8 pNPG units/gram  
Xylanase: minimum 300 XYL units/gram

### Packaging & Storage

AlphaGal™ 180P is available in 50 Lb. bags. Product should maintain at least 95% activity for a minimum of 9 months when stored at 30C in original, unopened container. After this time period, reassay is advisable.

### Handling Precautions

Enzymes may cause skin or eye irritation and inhalation of aerosol can result in sensitization of susceptible individuals. Standard handling procedures should be followed to prevent direct contact with the product or inhalation of aerosol. A separate Material Safety Data Sheet (MSDS) is available on request.

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