

## Native *Aspergillus niger* α-Galactosidase

Cat. No. NATE-1072

Lot. No. (See product label)

### Introduction

**Description** α-Galactosidase ( EC 3.2.1.22, α-GAL, α-GAL A; systematic name α-D-galactoside galactohydrolase) is a glycoside hydrolase enzyme that catalyses the following reaction: Hydrolysis of terminal, non-reducing α-D-galactose residues in α-D-galactosides, including galactose oligosaccharides, galactomannans and galactolipids It catalyzes many catabolic processes, including cleavage of glycoproteins, glycolipids, and polysaccharides.

### Product Information

**Source** Aspergillus niger

**Form** Powder

**EC Number** EC 3.2.1.22

**CAS No.** 9025-35-8

**Activity** >600 U/mg

**Unit Definition** One Unit of activity is the amount of enzyme required to release one μmole of p-nitrophenol (pNP) per minute from p-nitrophenyl-α-D-galactopyranoside per min at pH 4.5 and 40°C.

### Storage and Shipping Information

**Storage** at -10°C or lower