

## Native *Thermus brockianus* $\alpha$ -Galactosidase

Cat. No. NATE-0290

Lot. No. (See product label)

### Introduction

**Description** Alpha-galactosidase is a glycoside hydrolase enzyme that hydrolyses the terminal alpha-galactosyl moieties from glycolipids and glycoproteins. It is encoded by the GLA gene. Two recombinant forms of alpha-galactosidase are called agalsidase alfa (INN) and agalsidase beta (INN).

**Synonyms** Alpha-Galactosidase; Galactosidase; EC 3.2.1.22; GLA; GALA; melibiase;  $\alpha$ -D-galactosidase;  $\alpha$ -galactosidase A;  $\alpha$ -galactoside galactohydrolase

### Product Information

**Source** *Thermus brockianus*

**Form** ammonium sulfate suspension. Suspension in 2.8 M (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> solution

**EC Number** EC 3.2.1.22

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

**Activity** 40-80 units/mg protein

**Unit Definition** One unit will convert 1.0  $\mu$ mole of maltose to 2.0  $\mu$ moles of D-glucose per min at pH 4.0 at 37°C.

### Storage and Shipping Information

**Storage** 2-8°C