

## Native *Aspergillus oryzae* Tannase

Cat. No. NATE-1078

Lot. No. (See product label)

### Introduction

**Description** Tannase catalyzes the hydrolysis of tannic acid to produce gallic acid and glucose.

**Synonyms** tannase; 9025-71-2; Tannin acyl Hydrolase

### Product Information

**Source** *Aspergillus oryzae*

**Appearance** Grayish brown - brown, crystals - powder

**EC Number** EC 3.1.1.20

**CAS No.** 9025-71-2

**Molecular Weight** about 200,000

**Activity** 30+ units/mg

**Isoelectric point** 4

**Optimum pH** 5.5

**Optimum temperature** 30 - 40 degrees C

**Unit Definition** One unit is defined as the amount of enzyme required to hydrolyze ester bonds of 1 micro-mol of Tannic acid at 30 degrees C and pH 5.5.

### Storage and Shipping Information

**Storage** Keep at 2-10 degrees C.