Creative Enzymes®

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.