

Tanninase

Cat. No. TNGZ-0001

Lot. No. (See product label)

Introduction

Description

Tanninase is a food-grade carboxylic-ester hydrolase that cleaves ester bonds in hydrolyzable tannins.

Applications

Hydrolysis of tannins in food and beverage processing; preparation of gallic acid from hydrolyzable tannins.

Synonyms

Tannase; Tannin acyl hydrolase

Product Information

EC Number

EC 3.1.1.20

CAS No.

9025-71-2

Activity

≥1,000 U/g

Specificity

Hydrolyzes ester bonds in digallate and other ester-linked tannins.

Function

Catalyzes the hydrolysis of tannin ester bonds to release gallate.

Substrates

Digallate and other ester-linked tannins.

Grade

Food grade

Reaction

Digallate + H₂O → 2 gallate