

## pectinesterase

Cat. No. EXWM-3439

Lot. No. (See product label)

### Introduction

#### Description

Pectinesterase (PE) (EC 3.1.1.11) is a ubiquitous cell-wall-associated enzyme that presents several isoforms that facilitate plant cell wall modification and subsequent breakdown. It is found in all higher plants as well as in some bacteria and fungi. Pectinesterase functions primarily by altering the localised pH of the cell wall resulting in alterations in cell wall integrity.

#### Synonyms

pectin demethoxylase; pectin methoxylase; pectin methylesterase; pectase; pectin methyl esterase; pectinoesterase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.1.1.11

#### CAS No.

9025-98-3

#### Reaction

pectin + n H<sub>2</sub>O = n methanol + pectate

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.