

## 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**  $\text{pectin} + n \text{H}_2\text{O} = n \text{methanol} + \text{pectate}$

**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.