

## Native *Saccharomyces cerevisiae* Esterase

Cat. No. NATE-0240

Lot. No. (See product label)

### Introduction

**Description** An esterase is a hydrolase that splits esters into acids and alcohols

**Applications** The compound is commonly used for the synthesis of biodiesel and biopolymers, as well as in the production of pharmaceuticals, agrochemicals and flavor compounds.

**Synonyms** EC 3.1.1.1; ali-esterase; B-esterase; monobutyrase; cocaine esterase; procaine esterase; methylbutyrase; vitamin A esterase; butyryl esterase; carboxyesterase; carboxylate esterase; carboxylic esterase; methylbutyrate esterase; triacetin esterase; carboxyl ester hydrolase; butyrate esterase; methylbutyrase;  $\alpha$ -carboxylesterase; propionyl esterase; nonspecific carboxylesterase; esterase D; esterase B; esterase A; serine esterase; carboxylic acid esterase; cocaine esterase; 9016-18-6

### Product Information

**Source** *Saccharomyces cerevisiae*

**Form** lyophilized powder

**EC Number** EC 3.1.1.1

**CAS No.** 9016-18-6

**Activity** ~2 U/g

**Unit Definition** 1 U corresponds to the amount of enzyme which hydrolyzes 1  $\mu$ mol ethyl valerate per minute at pH 8.0 and 25°C.

### Storage and Shipping Information

**Storage** 2-8°C