

## Native Trametes versicolor Laccase

Cat. No. NATE-0374

Lot. No. (See product label)

### Introduction

**Description** Laccase is a blue copper oxidase that reduces molecular oxygen to water. Laccase oxidizes polyphenols, methoxy-substituted phenols and diamines, but not tyrosine. Oxidation by laccase is an one-electron reaction that generates a free radical.

**Synonyms** Laccases; EC 1.10.3.2; 80498-15-3; urushiol oxidase; urushiol oxidase; p-diphenol oxidase; benzenediol:oxygen oxidoreductase

### Product Information

**Source** Trametes versicolor

**Form** powder; light brown

**EC Number** EC 1.10.3.2

**CAS No.** 80498-15-3

**Activity** > 0.5 units/mg

**Unit Definition** One unit corresponds to the amount of enzyme which converts 1  $\mu$ mole of catechol per minute at pH 6.0 and 25°C

### Storage and Shipping Information

**Storage** 2-8°C