

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; urishiol 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 μ mole of catechol per minute at pH 6.0 and 25°C

Storage and Shipping Information

Storage

2-8°C