Creative Enzymes®

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 μmole of catechol per minute at pH 6.0 and 25°C

Storage and Shipping Information

Storage	2-8°C