Creative Enzymes®

Native Aspergillus sp. Laccase

Cat. No. NATE-1592

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	Aspergillus sp.
CAS No.	80498-15-3
Activity	> 1000 U/g
Unit Definition	1 LAMU (Laccase Unit) is defined as the amount of enzyme which oxidizes 1 millimole of syringaldazine per minute, at pH 7.5 and 30 deg C.

Storage and Shipping Information

Storage	2-8°C