

## 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; urushiol 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