Creative Enzymes®

alcohol oxidase

Cat. No. EXWM-0395

Lot. No. (See product label)

Introduction

Description	The enzymes from the fungi Candida methanosorbosa and several Basidiomycetes species contain an FAD cofactor. The enzyme from the phytopathogenic fungi Colletotrichum graminicola and Colletotrichum gloeosporioides utilize a mononuclear copper-radical mechanism. The enzyme acts on primary alcohols and unsaturated alcohols, and has much lower activity with branched-chain and secondary alcohols.
Synonyms	ethanol oxidase; alcohol:oxygen oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.3.13
CAS No.	9073-63-6
Reaction	a primary alcohol + O2 = an aldehyde + H2O2
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.