Creative Enzymes®

Native Trichoderma viride Xylanase

Cat. No. NATE-3200

Lot. No. (See product label)

Introduction

Description Xylanase is the name given to a class of enzymes which degrade the linear polysaccharide beta-1,4-xylan into xylose, thus breaking down hemicellulose, one of the major components of plant cell walls. As such, it plays a major role in micro-organisms thriving on plant sources for the degradation of plant matter into usable nutrients. Xylanases are produced by fungi, bacteria, yeast, marine algae, protozoans, snails, crustaceans, insect, seeds, etc., (mammals do not produce xylanases).

Product Information

Source	Trichoderma viride
Form	Lyophilized powder
EC Number	EC 3.2.1.8
CAS No.	9025-57-4
Molecular Weight	22 kDa
Activity	100-300 units/mg protein
Unit Definition	One unit will liberate 1 μmole of 4-nitrophenol from 4-nitrophenol-xylan per min at pH 4.5 at 30 °C.

Storage and Shipping Information

Storage	2-8°C