

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 μ mole of 4-nitrophenol from 4-nitrophenol-xylan per min at pH 4.5 at 30 °C.

Storage and Shipping Information

Storage 2-8°C