Creative Enzymes®

Cellulase for Plant Extract

Cat. No. NSPE-013

Lot. No. (See product label)

Introduction

Description	This product is a high-efficiency special enzyme preparation made from selected special excellent strains of bacteria, refined by deep liquid fermentation. The main enzyme system of this enzyme is cellulase and pectinase, etc. The enzyme system has a strong synergistic effect. The enzyme can hydrolyze or degrade the cell wall components and mucilage and other impurities, destroy the plant cell wall, so that the active ingredients are exposed, dissolved in the solvent, increase the solubility of the active ingredients, so as to extract the active ingredients in the cell. It can replace part of the water alcohol precipitation process, clarification of the extract is easier to carry out, easy to filter. The extraction rate of active ingredients can be improved.
Applications	Mainly used for the extraction of effective compounds in the stems, leaves and flowers of plant herbs.

Product Information

Appearance	Light yellow to brownish-yellow solid powder
Form	Powder
Specific Activity	4000 U/g
Optimum pH	4.5-5.0
Optimum temperature	45-50°C
Stabilizers	The product was originally packaged in a cool, dry environment with shelf life of 12 months.

Storage and Shipping Information

Storage	This product is active biological agents, transport and storage process should be dark, low temperature, dry, ventilated.