Creative Enzymes®

Cellulase complex enzyme (for plant extraction)

Cat. No. CEC-013

Lot. No. (See product label)

Introduction

Description	This product is a high-efficiency special enzyme preparation refined by submerged liquid fermentation using selected specific excellent strains. The main enzyme system of the enzyme is endocellulase, exocellulase, cellobiase, xylanase, pectinase, etc., and the combination of enzyme systems has a strong synergistic effect. Hydrolyze or degrade the components of the cell wall and impurities such as phlegm, destroy the plant cell wall, expose and dissolve the active ingredients in the solvent, increase the dissolution rate of the active ingredients, and extract the active ingredients in the cells. It can replace part of the water extraction and alcohol precipitation process, and it is easier to clarify the extract and filter. The extraction rate of active ingredients can be improved.
Applications	It is mainly used for the extraction of effective compounds such as aglycones in stems, leaves and flowers of plant medicinal materials.

Product Information

Form	Powder
pH Stability	4.5-6.0
Optimum pH	4.5-5.0
Thermal stability	45°C-50°C
Optimum temperature	40°C-55°C

Storage and Shipping Information

Storage	Store at a cool and dry environment