

## 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

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