Creative Enzymes®

Hydroxypropyl-β-cyclodextrin

Cat. No. CEFX-461

Lot. No. (See product label)

Introduction

Description	Hydroxypropyl-β-cyclodextrin (HP-β-CD) is one of the most intensively studied and widely used cyclodextrin derivatives. Hydroxypropyl-BETA-cyclodextrin is an ideal injection solubilizer and drug excipient. It can improve the water solubility of poorly soluble drugs, increase drug stability, improve drug bioavailability, increase the efficacy of drugs or reduce the dosage, adjust or control the release rate of drugs, and reduce drug toxicity and side effects.
Applications	1. In the field of food and spices, it can improve the stability and long-term effect of nutrient molecules, cover or correct the bad smell and taste of food nutrient molecules, and improve production processes and product quality. 2. It is used as a stabilizer, emulsifier, deodorant, etc. in cosmetic raw materials to reduce the irritation of organic molecules in cosmetics to skin and mucous membrane tissues, enhance the stability of active ingredients, and prevent the volatilization and oxidation of nutrients. It has a certain relative hygroscopicity. 3. In the pharmaceutical industry, it is an ideal injection solubilizer and drug excipient because of its relatively low relative surface activity and hemolytic activity and no irritation to muscles.

Product Information

Appearance	White or off-white amorphous or crystalline powder, soluble in water and ethanol.

Usage and Packaging

Package	1kg/bag

Storage and Shipping Information

Storage	Store in cool and dry area impervious to light. Avoid storing with toxic and hazardous material. The shelf life should not be less than 24 months with an unbroken seal, storing under described condition.