Creative Enzymes®

Stevia Leaf Extract

Cat. No. EXTC-003

Lot. No. (See product label)

Introduction

Description	Stevia leaf extract is prepared from the sweet leaf, the sunflower family (asteraceae) and is related to lettuce and marigolds. Stevioside and rebaudioside are natural constituents of stevia leaf extract. Stevioside is 250 times sweeter than sucrose, and have the potential to serve as non-caloric sweeteners. Stevia leaf extract is already in use as a food sweetener in a number of South American and Asian countries.
Applications	Stevioside is widely used as a sweetener, pharmaceutical excipient and flavoring agent in the food industry and pharmaceutical manufacturing industry. It is also used in the treatment of hypertensive patients, with strong and long-lasting antihypertensive effect. For diabetic patients, stevioside also has the effect of lowering blood sugar, urinary sugar and improving the "three more" symptoms.

Product Information

Species	Stevia rebaudiana（Bertoni）Hemsl.
Source	Leaf
Appearance	White to slightly yellow crystalline powder
CAS No.	57817-89-7
Activity	90% Stevioside
pH Stability	It has good solution stability and remains stable in the pH range of general beverage foods with heating treatment. Stevioside does not change much when stored in organic acid solution containing sucrose for half a year. It does not decompose in acid and alkali media, which can prevent fermentation, discoloration and precipitation. It can reduce the viscosity, inhibit the growth of bacteria and prolong the shelf life of the product.

Usage and Packaging

Package	1kg aluminum foil bag, 25kg cardboard drum

Storage and Shipping Information

Storage	2 years under well storage situation and stored away from direct sun light