



- **Latin Name:** *Stevia rebaudiana* (Bertoni) Hemsl
- **Active Ingredient:** stevioside
- **CAS No.:** 57817-89-7
- **Test method:** TLC
- **Specifications:** 10:1 4:1

Product Description:

Basic info

Name: stevia Extract

Other name: *Stevia rebaudiana* (Bertoni) Hemsl

Source: stevia leaf

Latin name: *Stevia rebaudiana* (Bertoni) Hemsl

Ingredient: Stevioside

Specification: 60%-99% / 10:1 4:1

Test Method: HPLC

CAS No: 57817-89-7

Molecular Formula: C₃₈H₆₀O₁₈

Botanical source/Latin name: *Stevia Rebaudiana bertoni*

Used part: leaf

Specification: Rebaudioside A 60%, 90%, 95%, 97%, 98% by HPLC

stevioside 60%, 80%, 85%, 90%, 95%, 97%, 98% 99% by HPLC

total steviol glycoside 60%

what is stevioside?

Stevioside is a natural sweetener extracted from leaves of *Stevia rebaudiana* (Bertoni) Bertoni. The literature about Stevia, the occurrence of its sweeteners, their biosynthetic pathway and toxicological aspects are discussed. Injection experiments or perfusion experiments of organs are considered as not relevant for the use of Stevia or stevioside as food, and therefore these studies are not included in this review. The metabolism of stevioside is discussed in relation with the possible formation of steviol. Different mutagenicity studies as well as studies on carcinogenicity are discussed. Acute and subacute toxicity studies revealed a very low toxicity of Stevia and stevioside. Fertility and teratogenicity studies are discussed as well as the effects on the bio-availability of other nutrients in the diet. The conclusion is that Stevia and stevioside are safe when used as a sweetener. It is suited for both diabetics, and PKU patients, as well as for obese persons intending to lose weight by avoiding sugar supplements in the diet. No allergic reactions

to it seem to exist

Function of stevia extract powder

- 1.Stevia Extract helps solve various skin problems.
- 2.Stevia Extract can control high blood pressure and blood sugar levels.
- 3.Stevia Extract helps lose weight and reduce cravings for fatty foods.
- 4.Stevia Extract's anti-bacterial properties help prevent minor illness and cure minor wounds.
- 5.Adding stevia extract to your mouthwash or toothpaste results in improved oral health.
- 6.Stevia Extract induced beverages lead to improved digestion and gastrointestinal functions besides providing relief from upset stomachs.

Application of stevia extract powder

- 1.Stevia extract applied in the food field, stevia extract powder is mainly used as a non-calorie food sweetener;
- 2.Stevia extract applied in other products, such as beverage, liquor, meat, daily products and so on;
- 3.Stevia extract applied in pharmaceutical field, stevia is approved to use in medicine, and developing many new products in few years.

what is stevia leaf?

Stevia is widely grown for its sweet leaves, which are the source of sweetener products known generically as stevia and sold under various trade names. The active compounds are various steviol glycosides (mainly stevioside and rebaudioside), which have 250–300 times the sweetness of sugar.

The leaves can be eaten fresh, or put in teas and foods.