

Stevia/Rebaudioside A

DESCRIPTION

Stevia/Rebaudioside A is a white to off-white, hygroscopic fine crystal or powder having a sweet taste. It is freely soluble in water and sparingly soluble in ethanol. It is obtained from the leaves of the Stevia rebaudiana(Bertonii) plant that can be used as a general sweetener in foods. It is non-caloric natural sweetener that is approximately 300-400 times sweeter than sucrose.

Formula: $C_{44}H_{70}O_{23}$
CAS: 58543-16-1

Molecular Weight: 967.01
E Number: E960

Flashpoint: Not Applicable

SUGGESTED USES

Diet Soft Drinks, Ready-to-drink teas, Fruit juice drinks, Energy drinks, Flavored waters, Table-Tops, Baked Goods, Cereals, Ice-Cream

SPECIFICATIONS

Test Item	Specification
Appearance	White Crystal or Crystalline Powder
Identification	Meet requirements
Purity (on dry basis)	≥ 95%
Related Steviol Glycosides	≤ 3.0%
Loss on Drying (105°C 4hr)	≤ 6.0%
Residue on Ignition (sulfate)	≤ 1.0%
pH	4.5 ~ 7.0
Arsenic	≤ 1ppm
Lead	≤ 1ppm
Residual Solvents/Organic Impurities	≤ 0.020% methanol ≤ 0.5% ethanol

FORMS

Powder (Reb A 97, Reb A 95, Reb A 90, Reb A 85, Reb A 80, TSG 40%-99%)

PACKAGING

25 kg net weight fiber drums with inner liner or as otherwise agreed upon.

SHIPPING & HANDLING

Recommended to be stored in an odor-free environment. Low humidity conditions are recommended to minimize caking/degradation potentials.

STORAGE

Store in well closed containers in a cool, dry environment.

SHELF LIFE

The shelf life of this material is 2 years from the date of manufacture if stored in recommended conditions.

CONFORMITY WITH

FAO-WHO Specifications
Food Chemicals Codex
European Commission Regulation No. 231/2012
Japanese Standards for Food Additives
US Pharmacopoeia
This material is Kosher Pareve and Halal Certified

