



Rebaudioside-A

CHEMICAL NAME | Steviol Glycosides

MOLECULAR FORMULA | $C_{44}H_{70}O_{23}$

MOLECULAR WEIGHT | 967.01

DESCRIPTION | Stevia Reb-A is a white to off-white, hygroscopic fine crystal or powder, having a sweet taste. It is freely soluble in ethanol/water, 50/50 (v/v), sparingly soluble in water and sparingly soluble in ethanol. It is the extract from the Stevia leaf, and can be used as a general sweetener in foods. It is a non-calorie natural sweetener that RA-97 is approximately 350-450 times sweeter than Sucrose.

SUGGESTED USAGE/APPLICATIONS

- ▶ Diet Soft Drinks
- ▶ Baked Goods
- ▶ Cereals
- ▶ Ice Cream
- ▶ Tea Drinks
- ▶ Fruit Juices
- ▶ Flavored Water
- ▶ Table-Top

TEST ITEM

SPECIFICATION

Appearance	White Crystal or Crystalline Powder
Identification	Meets Requirements
Purity (on Dry Basis)	≥ 60%, 80%, 90%, 95%, 97%, 98%
Loss on Drying (105°C 4hr)	≤ 5.0%
Residue on Ignition (Sulfate)	≤ 0.2%
pH	4.5 ~ 7.0
Arsenic	≤ 1ppm
Lead	≤ 1ppm
Residual Solvents/Organic Impurities	Meets Requirements

NiuSource Stevia Reb-A meets all the requirements of the current FCC and JECFA.



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