

# Rebaudioside A 97%

## DESCRIPTION

Rebaudioside A 97 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(Bertoni) plant that can be used as a general sweetener in foods. It is non-caloric natural sweetener that is approximately 200-400 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

Test Item	Specification	Test Method / Reference
Appearance	White Powder	Visual
Identification	Meets the Requirments	Current FCC/JECFA
Rebaudioside A (on dry basis)	≥ 97.0%	Current FCC/JECFA
pH	4.5~7.0	Current FCC/JECFA
Loss on Drying	≤ 5.0%	Current FCC/JECFA
Total Ash	≤ 1.0%	Current FCC/JECFA
Organic Impurities/Residual Solvents	Methanol ≤ 200 ppm Ethanol ≤ 3,000 ppm	Current FCC/JECFA
Arsenic	≤ 1 ppm	AAS ChP2020 Part 4, 2321
Lead	≤ 0.5 ppm	AAS ChP2020 Part 4, 2321
Mercury	≤ 0.1 ppm	AAS ChP2020 Part 4, 2321
Cadmium	≤ 1 ppm	AAS ChP2020 Part 4, 2321
Total Aerobic Plate Count	≤ 1000 CFU/g	GB
Yeast and Mold Count	≤ 100 CFU/g	GB
Escherichia Coli	< 3.0 MPN/g	GB
Salmonella	Negative/25g	GB

FCC = Food Chemical Codex  
GB= China National Standard Method  
CFU = Colony Forming Units

JECFA = Joint FAO/WHO Expert Committee on Food Additives  
ChP = Chinese Pharmacopeia  
MPN = Most Probable Number



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## CONFORMITY WITH

FAO-WHO Specifications  
Food Chemicals Codex  
European Commission Regulation No. 231/2012  
This material is Kosher Pareve and Halal Certified

## PACKAGING

20 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 3 years from the date of manufacture if stored in recommended conditions.

## LOT CODE EXPLANATION

Example Lot: 20210101 RA-97  
2021 = Year of Manufactured: 2021  
01 = Month Manufactured: January  
01 = Batch No. #01  
RA-97 = Product Code

## NUTRITIONAL DATA

<b>Nutrient</b>	<b>Per 100 grams</b>
Calorie (kcal)	0
Water (g)	<5.0
Protein (g)	0
All Fats (g)	0
Vitamins (mg)	0
Carbohydrates (g)	0
Sugars (g)	0
Dietary Fiber (g)	0.2
Cholesterol (mg)	<1.0
Calcium (mg)	2.6
Iron (mg)	0.4
Niacin (mg)	0
Phosphorus (mg)	0
Potassium (g)	0.1
Riboflavin (mg)	0
Sodium (mg)	0
Protein (g)	0
Thiamin (mg)	0
Ash	<0.1

This data is calculated from standard analytical data.

The zero values are based on process knowledge and raw materials used.

