



REBAUDIOSIDE-A

CAS No: 58543-16-1

■ PRODUCT DESCRIPTION

Stevia Rebaudiana is a sweetener in South America. The leaves of the plant contain about 15-20% steviol glycosides—the plant chemicals that give it its sweetness. Rebaudioside –A, or Reb-A, is currently the most popular of its sweet glycosides. Reb-A is about 300-400 times sweeter than sugar but with no calories, making it a top choice as a sugar or artificial sweetener replacement in foods, beverages and nutraceuticals. The sweetness of Reb-A is more prolonged than that of sugar, meaning it tastes sweeter for longer. Reb-A deters tooth decay and cavities, plus suitable for diabetics because it has a low glycemic index, lowers blood sugar levels, increases glucose tolerance and reduces glucose absorption.

■ PHYSICAL CHARACTERISTICS

- Natural extract (white powder)
- 300-400 times sweeter than cane sugar
- Zero calories
- Odorless and non-toxic
- Pleasant, refreshing taste with no bitterness or after-taste
- Stable between pHs 3-9
- Withstands temperatures up to 200°C
- Shelf life of more than 2 years in most products
- Functional foods

■ APPLICATIONS

- Chewing gums and mints
- Sauces and condiments
- Cereals
- Snack foods
- Deserts and confectionary
- Healthy drinks
- Fruit juices
- Yogurts
- Protein powders
- Chewable tablets
- Children’s chewable supplements

■ WHY SOURCE FROM GSC?

- GSC delivers the highest quality products through trusted relationships with industry leading suppliers and manufacturers. We speed your products to market while maintaining quality and cost effectiveness.

**To request a quote or sample,
please contact Alan Whitehead:
(248) 816-6881 ext. 209 or
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FORMULA	C44H70O23
DESCRIPTION	White powder (nature extract from Stevia leaves)
ODOR	Odorless
PARTICLE SIZE	≥95.0% through 80 mesh (0.18mm)
GRADE	Food grade
CATEGORY	Raw material

SPECIFICATION

ITEMS	STANDARD
Reb-A Content	≥97.0%
Ash	≤1.0%
Moisture	≤6.0%
Heavy Metals	≤10.0 ppm
Arsenic (As)	≤1.0 ppm
Cadium (Cd)	≤1.0 ppm
Lead (Pb)	≤1.0 ppm
Mercury (Hg)	≤0.1 ppm
PH	4.5-7.0
Methanol	≤200 ppm
Ethanol	≤0.5% (W/W)
Total Plate Count	≤1000 CFU/G
Yeast & Mold	≤100 CFU/G
E. Coli	NEGATIVE
Salmonella	NEGATIVE