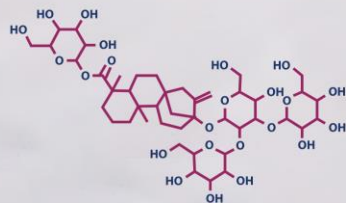


Stevia Extract (RA-98%)



PRODUCT IN FOCUS



Stevia Extract (RA-98%)

INTRODUCTION

Stevia extract with **Rebaudioside A (98%)** is one of the sweet tasting steviol glycoside, extracted and purified from ***Stevia rebaudiana (Bertoni)*** - a small perennial shrub also known as "Honey leaf". The leaves of *S. rebaudiana* contain more than 30 different steviol glycosides, among which stevioside and rebaudioside A are present in the highest levels. It is non-nutritive and tastes approximately 200-300 times sweeter than sucrose.

MANUFACTURE

Extraction process using water / alcohol (food grade)
OR Bioconversion with the use of enzymes OR
Glucosylation OR Fermentation.

APPLICATIONS

Therapeutics : It is reported to be safe for consumption, do not produce toxic substances inside the body that are not associated with any health risks. Studies have demonstrated below positive effects on human health:

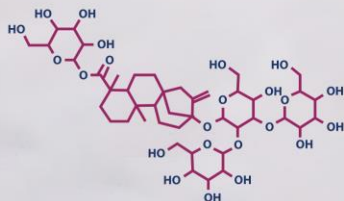
- 🍷 Antidiabetic
- 🍷 Antihypertensive
- 🍷 Anticancer and Antitumor
- 🍷 Antimicrobial Activity
- 🍷 Anti-caries
- 🍷 Antioxidant
- 🍷 Weight Management

Food Industry : Stevia extract (RA-98%) has emerged as zero-calorie sweeteners and can replace sugar in various industries as mentioned below:

- 🍷 Dairy products
- 🍷 Bakery products
- 🍷 Beverages
- 🍷 Juice and nectar drinks
- 🍷 Jellified goods

Synonym	Steviol Glycoside
Botanical Name	<i>Stevia Rebaudioside</i>
Part Used	Leaves

Stevia Extract (RA-98%)



PRODUCT IN FOCUS

EXSYN[®]
ESSENTIAL CHEMISTRY

SPECIFICATIONS

Test	Unit	Specifications
Appearance	-	Fine Powder
Odor	-	Characteristic
Taste	-	Characteristic
Color	-	White
Loss on drying	%	≤ 8.0
Bulk Density (Tapped)	gm/ml	0.2 – 1.0
Assay (Rebaudioside A)	%	≥ 98.0
Heavy Metals	ppm	NMT 10
Arsenic	ppm	NMT 2
Cadmium	ppm	NMT 1
Lead	ppm	NMT 2
Mercury	ppm	NMT 1
Microbial Test		
Total Plate Count	cfu/gm	10,000
Yeast & Mold	cfu/gm	1000
<i>E.coli</i>	-	Should be Absent
<i>Salmonella</i>	-	Should be Absent
<i>Staphylococcus aureus</i>	Per 25 gm	Should be negative

PACKING

25 kg HDPE Drum

STORAGE

Keep containers tightly closed in a dry, cool and well-ventilated place.

Certifications

WHO-GMP, ISO 22000, HACCP, Kosher, Halal & FAMI-QS

No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.