

SPECIFICATION

Product Name: Stevia Extract 97%
Chemical Formula: C ₄₄ H ₇₀ O ₂₃
CAS Number: 91722-21-3
Molecular Weight: 967.03 g/mol
Appearance: White crystalline fine powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min/Max)
Assay/Extract Ratio	%	97.1%	97% Stevioside
Loss on drying	%	3.48%	<5.0%
Sieve Analysis	-	Complies	Pass 80 mesh
Bulk Density	g/ml	49.2g/100ml	45-55g/100ml
Heavy Metal	PPM	Complied	NMT 20 PPM
As	PPM	Complied	NMT 2 PPM
Microbiology Test			
Total Plate Count	cfu/g	Complied	NMT 5000cfu/g
Yeast & Mold	cfu/g	Complied	NMT 100cfu/g
E.Coli	-	Complied	Negative
Salmonella	-	Complied	Negative

Physical Properties

- Solubility: Freely soluble in water. Soluble in ethanol. Soluble in acetone. Soluble in methanol. Insoluble in ether. Insoluble in chloroform.

Shelf Life & Storage

- Shelf Life: 3 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, heat, light, and contamination.

Applications

- Use: Widely used in food, beverage, nutraceutical, pharmaceutical, and dietary supplement applications as a low-calorie sugar substitute.
- Dosage: Depends on Desired sweetness level, Product formulation, Steviol glycoside content, Regulatory requirements, Target consumer group.

Packaging

- Standard Packing: 25 kg woven pp bag with inner liner and 1 Kgs or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.
* Specifications are based on the manufacturer's provided specifications.