

SPECIFICATION

Product Name: Stevia Extract 95%
Chemical Formula: N/A
CAS Number: 57817-89-7
Molecular Weight: N/A
Appearance: White crystalline fine powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specifications Min./Max.
Identification	-	Complies	Identical to R.S. sample
Sieve Analysis	-	Complies	90% through 80 mesh
Moisture	%	4.56%	< 10.0%
Ash	%	2.23%	< 5.0%
Acid insoluble ash	%	1.04%	< 2.4%
Bulk density	g/ml	Complies	40-80 g/100ml
Active Component-Assay (Stevioside)	%	95.08%	95%
Arsenic	PPM	B.L.Q	Max. 1.1 PPM
Cadmium	PPM	B.L.Q	Max. 1.0 PPM
Lead	PPM	B.L.Q	Max. 2.5 PPM
Mercury	PPM	B.L.Q	Max. 0.1 PPM
Contaminants			

Aflatoxin B1	ppb	Complies	≤2 ppb
Aflatoxin B2	ppb	Complies	≤2 ppb
Aflatoxin G1	ppb	Complies	≤2 ppb
Aflatoxin G1	ppb	Complies	≤2 ppb
Ethylene Oxide	mg/kg	Complies	≤0.01mg/kg
Pesticides Residues	mg/kg	Complies	≤0.01mg/kg
Microbiological Parameters			
Total plate count /g	cfu/g	<1000 cfu/g	<10000 cfu/g
Yeast & Molds /g	cfu/g	<100 cfu/g	<100 cfu/g
Coliform /g	cfu/g	<10 cfu/g	<10 cfu/g
Escherichia Coli /25g	-	Negative	Negative
Salmonella /25g	-	Negative	Negative

Physical Properties

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

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, moisture-resistant container in a cool, dry, and well-ventilated place, protected from moisture, heat, direct sunlight, and contamination.

Applications

- Use: Widely used in food, beverage, nutraceutical, and pharmaceutical formulations as a low-calorie or zero-calorie sugar substitute.
-Dosage: Depends on Desired sweetness intensity, Product formulation, Other sweeteners used in the blend, Flavor profile, Regulatory requirements.

Packaging



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- Standard Packing: 25 Kgs 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.



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