



TECHNICAL DATA SHEET

Product Name: Stevia 90%

Synonyms: Stevia Extract 90%, Stevioside 90%, Rebaudioside A 90%, Stevia Leaf Extract 90%

Appearance: White Crystalline Powder

Molecular formula: C₃₈H₆₀O₁₈

CAS number: 57817-89-7

HS CODE: 2938.90.99

TYPICAL SPECIFICATIONS

Description	White fine powder Characteristic	
Total Steviol Glycosides (dry basis)	≥%	90
Loss on Drying	≤%	6
Ash	≤%	1
PH (1% solution)	4.5-7.0	
Specific Optical Rotation	-30°~-38°	
Lead (ppm)	≤	1
Arsenic(ppm)	≤	1
Cadmium(ppm)	≤	0.1
Mercury (ppm)	≤	0.5
Total Plate Count(cfu/g)	≤	100
Coliform (cfu/g)	≤	100
E.Coli(cfu/g)	Negative	
Yeast&Mold(cfu/g)	Negative	
Salmonella(cfu/g)	Negative	
Staphylococcus(cfu/g)	Negative	
Methanol (ppm)	≤	200
Ethanol (ppm)	≤	5000

APPLICATIONS

Food & Beverages: Used as a high-intensity sweetener in beverages, dairy products, confectionery, baked goods, and sugar-free items.

Pharmaceuticals: Utilized as a sweetening agent in pharmaceutical products, especially in sugar-free formulations.

Personal Care Products: Employed in oral care products such as toothpaste and mouthwash for sweetening.

PACKAGING

25 kg PP woven bags with PE liner

25 kg kraft paper bags

25kg cardboard drum

1000 kg jumbo bags

Custom packaging available upon request

STORAGE & HANDLING

Storage: Keep in a cool, dry, and well-ventilated area, away from moisture and direct sunlight.

Handling precautions: Handle with care, avoiding direct heat and humidity. Ensure the product is kept in sealed containers to prevent contamination.

Shelf life: 2 years under proper storage conditions.

SAFETY & TRANSPORT

Classification: Non-hazardous

Toxicity: Generally recognized as safe (GRAS) for most individuals; however, excessive intake may lead to mild side effects. Safe for use in low-calorie diets.

Transport: Not classified as dangerous goods

