

Mannitol

Sugar alcohol ingredient for qualified sweetening and bulking formulations.

CAS No. 87-78-5	EC / List No. 201-770-2	Transport Non-dangerous goods
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Product Information

Sugar alcohol ingredient for qualified sweetening and bulking formulations.

Specifications

Parameter	Specification
Appearance	White powder
Assay	97.0–102.0 %
Sorbitol	≤2.0 %
Maltitol and isomalt	≤2.0 %
Loss on drying	≤0.5 %
Unspecified impurities	≤0.1 %
Total impurities	≤2.0 %
Reducing sugars	≤0.1 %
Total aerobic bacteria	≤1000 CFU/g
Moulds and yeasts	≤100 CFU/g
Bacterial endotoxins	≤1.25 IU/g

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C ₆ H ₁₄ O ₆
Molecular weight	182.17 g/mol

Applications

Confectionery formulation: Sugar alcohol for qualified confectionery sweetening and bulking concepts.

Chewing-gum systems: Ingredient for selected chewing-gum formulation development.

Powdered ingredient blends: Material for technically supervised dry blends.

Packaging / Storage

Item	Information
Packing	25 kg drums
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Shelf life	Three years in sealed original packaging stored cool and dry.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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