

Sucralose

High-intensity sweetener ingredient for qualified food and beverage formulations.

CAS No. 56038-13-2	EC / List No. 259-952-2	Transport Non-dangerous goods
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Product Information

High-intensity sweetener ingredient for qualified food and beverage formulations.

Specifications

Parameter	Specification
Appearance	White to off-white odourless crystalline powder
Assay, anhydrous basis	98.0–102.0 %
Specific rotation	+84.0 to +87.5 °
Water	≤2.0 %
Residue on ignition	≤0.7 %
pH, 100 g/L	5.0–8.0
Lead	≤1 mg/kg
Arsenic	≤3 mg/kg
Heavy metals, as Pb	≤10 mg/kg
Methanol	≤0.1 %
Hydrolysis test	Pass
Related substances	Pass
Total plate count	≤250 CFU/g
Coliforms	<3 MPN/g
E. coli	<3 MPN/g
Yeasts	≤50 CFU/g
S. aureus	Not detected in 25 g
Salmonella	Not detected in 25 g

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

Typical Properties

Property	Typical Value
Molecular formula	C ₁₂ H ₁₉ Cl ₃ O ₈
Molecular weight	397.63 g/mol

Applications

Beverage sweetener development: Ingredient for selected permitted beverage recipes.

Tabletop sweetener blends: High-intensity sweetener for qualified tabletop blends.

Processed food formulations: Ingredient for selected permitted foods.

Packaging / Storage

Item	Information
Packing	1 kg, 10 kg or 25 kg bags
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Shelf life	Two years in intact 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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