

Neotame

High-intensity sweetener for qualified beverage, tabletop and food formulations.

CAS No. 165450-17-9	EC / List No. 605-408-8	Transport Non-dangerous goods
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Product Information

High-intensity sweetener for qualified beverage, tabletop and food formulations.

Specifications

Parameter	Specification
Appearance	White to off-white fine powder
Assay, anhydrous basis	97.0–102.0 %
Specific rotation, 20°C, 0.5% solution, anhydrous basis	–43.3 to –40.0 °
Free dipeptide acid	≤1.5 %
Other related substances	≤2.0 %
Water	≤5.0 %
Residue on ignition	≤0.2 %
pH, 5 g/L aqueous solution	5.0–7.0
Lead	≤1 mg/kg

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

Typical Properties

Property	Typical Value
Molecular formula	C20H30N2O5
Molecular weight	378.46 g/mol

Applications

Beverage sweetening: High-intensity sweetener for qualified beverage recipes.

Tabletop sweetener blends: Ingredient for permitted tabletop and dry sweetener blends.

Food formulation development: Sweetener for selected qualified food concepts.

Packaging / Storage

Item	Information
Packing	25 kg lined fibre drums (conventional packing option)
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
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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