

Succinic Acid

Dicarboxylic acid intermediate for resin, ester and other qualified chemical synthesis.

CAS 110-15-6	EC 203-740-4	Transport Non-dangerous goods; reference solid
-----------------	-----------------	---

Product Information

Succinic acid is a four-carbon dicarboxylic acid. The supplied grade has a minimum purity of 99.5% and controls melting range, metals, sulfate, chloride and insoluble matter. Its two carboxyl groups allow esterification and other reactions used in chemical manufacture.

Specifications

Parameter	Specification
Appearance	White crystalline powder
Purity	≥99.5 %
Melting range	184–187 °C
Heavy metals	≤0.002 %
Sulfate	≤0.02 %
Chloride	≤0.005 %
Iron	≤0.0005 %
Water-insoluble matter	≤0.01 %
Aqueous-solution appearance	Colorless

Typical Properties

Property	Typical Value
Molecular formula (component)	C4H6O4
Molecular weight (component)	118.09 g/mol

Applications

Resin and ester manufacture: Evaluate succinic acid as a dicarboxylic reactant in qualified resin or ester synthesis.

Chemical intermediate manufacture: Assess the ingredient for relevant heterocyclic and other fine-chemical synthesis.

Process qualification: Compare purity, melting range and the ionic-impurity limits with the incoming-material specification.

Packaging / Storage

Item	Information
Packaging	25 kg net bags with suitable sealed inner liners.
Storage	Keep tightly closed in a cool, dry and ventilated area. Separate from strong oxidizers, bases and reducing agents; avoid contamination and airborne dust.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
Shanghai office	Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China
Telephone / Email	+86-21-54265599 / sales@zxchem.com.cn
Website	www.zxchem.com