



Shandong Zhonglu Products Co., Ltd.

Email: info@zluproducts.com

Website: www.zluproducts.com

Add: No.6-777 Yuxing Road, Sangzidian, Tianqiao District, Jinan, Shandong, CHINA

## Bio-based succinic acid

**Molecular Formula:** C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>

**Molecular weight:** 118.09

**Synonyms:** SA

**CAS #:** 110-15-6

### Summary of performance

Colorless crystallization, relative density of 1.572 (25/4 °C). melting point of 188 °C, decompose at 235 °C. sublimate under the decompression and distillation, soluble in water, slightly soluble in ethanol and ether.

### Application

Raw material for medicine, spices, food preservatives, condiments, food additives, surface active agents, and widely used in the production of degradable plastics PBS, PBST, PBSA, clothing biological fibers, polyurethane, polyether and other polyester products.

### Technical data

ITEM	SPECIFICATION	
	High performance	Qualified
appearance	White crystalline or powder	
Bio-based succinic acid % ≥	99.7	99.5
Moisture Content ≤	0.40	0.50
Melting point range	185~188	184~188
Fe ω/ % ≤	0.001	0.002
Chloride ω/ % ≤	0.002	0.005
Sulfate ω/ % ≤	0.01	0.05
Residue on ignition ω/ % ≤	0.01	0.025
Ease oxide ω/ % ≤	0.40	0.60
Pb ω/ % ≤	0.001	0.005
As <sub>2</sub> O <sub>3</sub> ω/ % ≤	0.0002	0.0002