



## Specification

### Succinic Acid NF/ACS

**Catalog Number:** SA1016  
**CAS Number:** 110-15-6  
**Synonyms:** Butanedioic acid; amber acid, Bernsteinsaure; Ethylene Succinic acid; Ethylene dicarboxylic acid  
**Molecular Formula:** HOOCCH<sub>2</sub>CH<sub>2</sub>COOH  
**Molecular Weight:** 118.09

Test	Specification
Description	White crystals and/or powder
Assay	99.0 % minimum
Melting Point	185.0 – 191.0 deg. C
Insoluble matter	0.010 % maximum
Loss on drying @105 Deg. C	1.0% maximum
Residue on ignition	0.020 % maximum
Solubility (10g/150ml)	Clear and complete
Chloride (Cl)	0.001 % maximum
Phosphate (PO <sub>4</sub> )	0.001 % maximum
Sulfate (SO <sub>4</sub> )	0.003 % maximum
Nitrogen Compounds (as N)	0.001 % maximum
Iron (Fe)	5 ppm maximum
Heavy Metals (as Pb)	5 ppm maximum

Approved:

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