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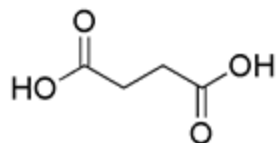
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 01465
Product **Succinic acid**

Butanedioic acid

Dihydrofumaric acid

CAS Number 110-15-6

Molecular Formula C₄H₆O₄

Molecular Weight 118.1

Appearance White crystalline powder

Solubility 6.8 g in 100 mL water at 20 °C; 121 g in 100 mL water at 100 °C.

Melting Point 185.0-190.0 °C

Heavy Metals ≤ 5 ppm

Anion Chloride (Cl⁻): ≤ 0.001%
Phosphate (PO₄³⁻): ≤ 0.001%
Sulfate (SO₄²⁻): ≤ 0.003%

Cation Nitrogen Compounds (as N): ≤ 0.001%
Iron (Fe): ≤ 5 ppm
Lead (Pb): ≤ 2mg/kg

Infrared Spectrum Conforms to standard

Insoluble material ≤ 0.01%

Residue On Ignition ≤ 0.025%

Assay by titration 99.0-100.5%

Grade ACS

Application Internal standard use in chromatography.

Storage Store at RT

Additional Information Residue after ignition: ≤ 0.02%

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For Laboratory Use Only