

Chem-Impex International, Inc.

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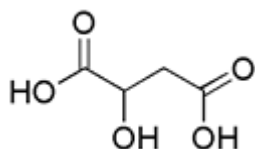
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	21853
Product	DL-Malic acid DL-2-Hydroxysuccinic acid
CAS Number	6915-15-7 , 617-48-1
Molecular Formula	C ₄ H ₆ O ₅
Molecular Weight	134.09

Appearance	White crystal powder or crystalline grains powder
Melting Point	127 - 132 °C
Heavy Metals	≤ 10 ppm
Cation	Arsenic (As) : ≤ 2 ppm Lead (Pb) : ≤ 2 ppm Mercury (Hg) : ≤ 1 ppm
Acid value	Fumaric acid : ≤ 1% Maleic acid : ≤ 0.05%
Optical Rotation	[α] _D ²⁰ = -0.1 to +0.1 °
Infrared Spectrum	Conforms to structure
Insoluble	≤ 0.1% (Water)
Sulfated Ash	≤ 0.1%
Assay	99.0 - 100.5%
Grade	E296/FCC9
Storage	Store at RT

For Laboratory Use Only