

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

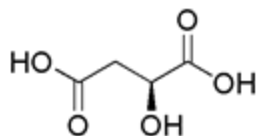
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	01183
Product	L-Malic acid
	L-Hydroxybutanedioic acid
	(S)-(-)-2-Hydroxysuccinic acid
CAS Number	97-67-6
Molecular Formula	C ₄ H ₆ O ₅
Molecular Weight	134.09

Appearance	White crystalline powder
Heavy Metals	≤ 10 mg/kg (as Pb)
Arsenic (As₂O₂)	≤ 2.0 mg/Kg
Anion	Chloride (Cl ⁻): ≤ 0.004% Sulfate (SO ₄ ²⁻): ≤ 0.02%
Cation	Lead (Pb): ≤ 2 mg/kg
Optical Rotation	[α] _D ²⁰ = -1.6 to -2.6°
Transmission	State of solution: To pass test
Residue On Ignition	≤ 0.10%
Assay by titration	≥ 99%
Application	Used to selectively protect the α-amino group of amino acids It is the starting material for the preparation of chiral compounds.
Storage	Store at RT
Additional Information	Fumaric Acid: ≤ 0.5% Maleic Acid: ≤ 0.05%

Product Specifications

Catalog Number: 01183

For Laboratory Use Only