

Chem-Impex International, Inc.

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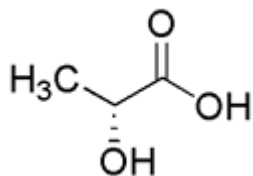
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	08023
Product	D-Lactic acid (R)-2-Hydroxypropionic acid D-2-Hydroxypropanoic acid
CAS Number	10326-41-7
Molecular Formula	C ₃ H ₆ O ₃
Molecular Weight	90.08

Appearance	White crystals
Solubility	Clear, colorless solution (50 mg/mL in water)
Melting Point	50 - 54 °C (Lit.)
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁴ = -0.5 ± 1 ° (C=8 in water) (Lit.)
Assay by titration	≥ 97%
L-Enantiomer	≤ 0.5%
Purity by TLC	≥ 99%
Chiral Purity	≥ 99.5% (ee)
Storage	Store at 0 - 8 °C

For Laboratory Use Only