

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 32314

Product **L-Iditol**

CAS Number 488-45-9

Molecular Formula C₆H₁₄O₆

Molecular Weight 182.17

Appearance White powder

Appearance of Solution Colorless solution

Solubility (Turbidity) Clear solution (50 mg/ml in water)

Optical Rotation $[\alpha]_D^{20} = -4.1$ to -4.5° (C=1 in di water)

Infrared Spectrum Conforms to structure

Loss on Drying $\leq 4.0\%$

Purity by GC $\geq 98\%$

Storage Store at 2-8 °C

For Laboratory Use Only