

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

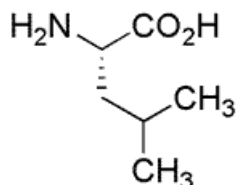
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	33065
Product	L-Leucine, from non animal origin, L-Leu-OH (S)-2-Amino-4-methylpentanoic acid
CAS Number	61-90-5
Molecular Formula	C ₆ H ₁₃ NO ₂
Molecular Weight	131.18
<hr/>	
Appearance	White crystalline powder
Anion	Chloride : ≤ 0.05% Sulfate : ≤ 0.03%
Cation	Iron : ≤ 30 ppm
pH	5.5 - 7.0
Optical Rotation	[α] _D ²⁰ = 14.9 - 17.3 ° (C=40 mg/ml in 6 N HCl)
Loss on Drying	≤ 0.2% (105 °C, 3h)
Related Substances	Individual impurity : ≤ 0.5% Total impurity : ≤ 2%
Residue On Ignition	≤ 0.4%
Assay	98.5 - 101.5% (Dried basis)
Grade	Meets USP specification
Storage	Store at RT
Additional Information	Identification : Infrared spectrum : Conforms to structure

For Laboratory Use Only