

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

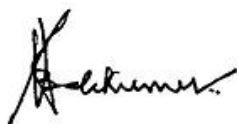
Certificate of Analysis

Catalogue Number	01696
Lot Number	000424-160615-11837
Product	L-Leucine methyl ester hydrochloride L-Leu-OMe•HCl
CAS Number	7517-19-3
Molecular Formula	C ₇ H ₁₅ NO ₂ •HCl
Molecular Weight	181.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2ml DMF)
Melting Point	146.2 - 147.5 °C
Water Content (Karl Fisher)	0.185%
Optical Rotation	[α] _D ²⁰ = + 21 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.28% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.43%
Storage	Store at RT

Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager