

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	06144
Lot Number	000424-131016-22389
Product	L-Norvaline methyl ester hydrochloride


L-Nva-OMe•HCl

CAS Number	56558-30-6
Molecular Formula	C ₆ H ₁₃ NO ₂ •HCl

Molecular Weight	167.6
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Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL EtOH)
Melting Point	100.9-104.4 °C
Water Content (Karl Fisher)	0.703%
Optical Rotation	[α] _D ²⁰ = + 21.5 ° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.068% (50 °C, 2 hr)
¹H NMR	Conforms to structure
Purity by HPLC	99.99%
Storage	Store at 0-8°C
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