

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 06611
Lot Number 000424-150125-13212
Product **D-Valine ethyl ester hydrochloride**

D-Val-OEt•HCl

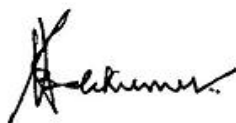
CAS Number 73913-64-1
Molecular Formula C₇H₁₅NO₂•HCl

Molecular Weight 181.65

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL H₂O)
Melting Point 102.8-104.6 °C
Water Content (Karl Fisher) 0.135%
Optical Rotation [α]_D²⁰ = -7.3° (C=2 in H₂O)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.70% (40 °C, 2 hour)
¹H NMR Conforms to structure
Purity by HPLC 99.84%
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