Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence:935 Dillon Drive
825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 11918 **Lot Number** 05546

Product Benzyl-L-valine methyl ester hydrochloride

Bzl-L-Val-OMe•HCl

CAS Number 177721-72-1
Molecular Formula C₁₃H₁₉NO₂•HCl

Molecular Weight 257.79

Appearance White crystalline powder

Melting Point 161-164 °C

Optical Rotation [a]_D²⁰ = +16.6° (C=1 in MeOH)

Assay by titration 99.5%
Purity by HPLC 99.7%
Purity by TLC > 98%

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