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: Manufacturing site:

935 Dillon Drive 825 Dillon Drive Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 22677

Lot Number 000630-21866

Product (R,S)-LeuP(OPh)2•HCl

(R,S)-1-amino-3-methylbutyl-phosphonic acid diphenyl ester

hydrochloride

Molecular Formula C₁₇H₂₂NO₃P•HCl

Appearance White powder

Melting Point 172 - 178 °C

Analysis by Mass Spectra [M+H]⁺ = 319.9

Purity by HPLC 99.5%

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