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 02151

Product Z-L-aspartic acid β -benzyl ester α -4-

nitrophenyl ester

Lot Number 2151-012904-1

Z-L-Asp(OBzl)-ONp

CAS Number 2419-54-7 Molecular Formula C₂₅H₂₂N₂O₈

Molecular Weight 478.5

Appearance Cream powder **Melting Point** 72-76 °C

Optical Rotation [a] $_{D}^{20} = -21.6^{\circ} (C=1.034\% \text{ in MeOH})$

Purity by HPLC 97%

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