Chem-Impex International, Inc.

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

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825 Dillon Drive

Shipping and Correspondence: Manufacturing site:

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 04116

935 Dillon Drive

Lot Number 000630-11623

Product Fmoc-3,4-dichloro-L-phenylalanine

Fmoc-L-Phe(3,4-DiCl)-OH

CAS Number 177966-59-5 Molecular Formula C₂₄H₁₉Cl₂NO₄

Molecular Weight 456.4

Appearance Off-white powder **Optical Rotation** -31.5 ° (C=1 in DMF)

Analysis by Mass Spectra $[M-H]^- = 453.8$ and 455.8 (ES-)

Purity by HPLC 98.1%

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