Chem-Impex International, Inc.

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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 04978

935 Dillon Drive

Lot Number 000630-07639

Product N^{α} -Z- N^{β} -Fmoc-L-2,3-diaminopropionic acid

Z-L-Dap(Fmoc)-OH

CAS Number 142855-80-9 **Molecular Formula** C₂₆H₂₄N₂O₆

Molecular Weight 460.5

Appearance White amorphous powder

Optical Rotation [a]_D = - $10.4 \degree$ (C=1 in DMF)

Analysis by Mass Spectra $[M-H]^- = 459.1$ (ES-)

Purity by HPLC 99.0%

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