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 15443

935 Dillon Drive

Lot Number BBF(4F)20091105

Product Boc-(S)-3-amino-3-(4-fluorophenyl)propionic

acid

Boc-L-β-Phe(4-F)-OH

(S)-Boc-4-fluoro-β-phenylalanine

CAS Number 479064-88-5 **Molecular Formula** C₁₄H₁₈FNO₄

Molecular Weight 283.3

Appearance White solid

Optical Rotation [a] $D^{25} = -36.4^{\circ}$ (C=1 in MeOH)

13C NMR Conforms to structure
1H NMR Conforms to structure

Purity by HPLC 99.76%

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