Chem-Impex International, Inc.

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Shipping and Correspondence: Manufacturing site:

935 Dillon Drive

Wood Dale, IL 60191

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 15260

Lot Number 001328-20121018

Product (+)-(1S,3R)-N-Boc-3-aminocyclopentane

carboxylic acid

(+)-(1S,3R)-N-Boc-β-homocycloleucine

CAS Number 261165-05-3 **Molecular Formula** $C_{11}H_{19}NO_4$

Molecular Weight 229.28

Appearance White solid

Optical Rotation [a] $_{D}^{25} = +11.2^{\circ}$ (C=1.15 in MeOH)

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

Purity by HPLC > 98%

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