Chem-Impex International, Inc.

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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 15592

Lot Number 002494-2016-01-12

Product Boc-(S)-3-amino-3-(3-cyanophenyl)propionic

acid

 $Boc-L-\beta-Phe(3-CN)-OH$

(S)-Boc-3-cyano-β-phenylalanine

Molecular Weight 290.32

Appearance White powder

Optical Rotation [a]_D²⁵ = -39.8° (C=1 in EtOH)

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

Purity by HPLC 98.45%

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