

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	15613
<b>Lot Number</b>	000705-711913
<b>Product</b>	<b>Boc-(R)-3-amino-3-(4-nitrophenyl)propionic acid</b> Boc-D-β-Phe(4-NO <sub>2</sub> )-OH  (R)-Boc-4-nitro-β-phenylalanine
<b>CAS Number</b>	500770-85-4
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	310.31

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<b>Appearance</b>	White solid
<b>Melting Point</b>	130-132 °C
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +43.8° (C=1 in EtOH)
<b>Purity by HPLC</b>	99.4% (at 210 nm), 99.5% (at 254 nm)
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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