

# Chem-Impex International, Inc.

---

**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

---

## Certificate of Analysis

<b>Catalogue Number</b>	15609
<b>Lot Number</b>	(R)BPHE(3NO <sub>2</sub> )2010060
<b>Product</b>	<b>Boc-(R)-3-amino-3-(3-nitrophenyl)propionic acid</b> Boc-D-β-Phe(3-NO <sub>2</sub> )-OH  (R)-Boc-3-nitro-β-phenylalanine
<b>CAS Number</b>	501015-24-3
<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

---

<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +36.6° (C=1% in EtOH)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	100%
<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**