

# **Chem-Impex International, Inc.**

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825 Dillon Drive

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## **Certificate of Analysis**

<b>Catalog Number</b>	15230
<b>Product Name</b>	<b>Boc-D-<math>\beta</math>-HoAla(1-naphthyl)-OH</b> Boc-(1-naphthyl)-D- $\beta$ -homoalanine Boc-(R)-3-amino-4-(1-naphthyl)butyric acid
<b>Lot Number</b>	(R)BBHOA(1NAP)201006
<b>CAS Registry Number</b>	190190-49-9
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	329.4
<b>Appearance</b>	White powder
<b>Specific rotation</b>	+66.6 (C = 1, EtOH)
<b>Identification by <sup>1</sup>H NMR (DMSO – d<sub>6</sub>)</b>	Corresponds with the structure
<b>Identification by <sup>13</sup>C NMR (DMSO – d<sub>6</sub>)</b>	Corresponds with the structure
<b>Purity (HPLC)</b>	99.64%
<b>Storage</b>	Store at 0 – 5 °C
<b>Remarks</b>	See Material Safety Data Sheets 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**