

# Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	29613
<b>Lot Number</b>	000630-19888
<b>Product</b>	<b>(S)-Boc-2-amino-3-ethyl-pentanoic acid</b>


*N*-Boc-3-ethyl-L-norvaline

<b>CAS Number</b>	35264-04-1
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	245.32

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +20.6° (C=1 in AcOEt)
<b>Analysis by Mass Spectra</b>	[M+H] <sup>+</sup> = 245.9
<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**