

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	14456
<b>Lot Number</b>	000630-10835
<b>Product</b>	<b>(4R,5S)-Boc-4-amino-5-methyl-heptanoic acid</b>  <i>N-tert-Butoxycarbonyl-γ-L-isoleucine</i>
<b>CAS Number</b>	331763-49-6
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	259.35

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> = 10.5° (C=1 in MeOH)
<b>Analysis by Mass Spectra</b>	[M+H] <sup>+</sup> = 259.9
<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>	99%
<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