

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15488
<b>Product</b>	<b>(-)-(1R,3S)-3-Aminocyclopentane carboxylic acid</b>
<b>Lot Number</b>	001328-20130507 (-)-(1R,3S)- $\beta$ -Homocycloleucine
<b>CAS Number</b>	71830-08-5
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	129.16

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<b>Appearance</b>	Off-white powder
<b>Optical Rotation</b>	$[\alpha]_{D}^{25} = -4.76^{\circ}$ (C=1 in H <sub>2</sub> O)
<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>	> 95%
<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