

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	00036
<b>Lot Number</b>	002058-20121224
<b>Product</b>	<b>Boc-O-benzyl-L-trans-4-hydroxyproline</b> Boc-L-Hyp(Bzl)-OH
<b>CAS Number</b>	54631-81-1
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>23</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	321.38

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<b>Appearance</b>	White solid
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -40.2° (C=2 in EtOH)
<b>Infrared Spectrum</b>	Conforms to structure
<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>	> 98%
<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