

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	03677
<b>Lot Number</b>	100831-36802
<b>Product</b>	<b>Boc-L-proline N-hydroxysuccinimide ester</b>  Boc-L-Pro-OSu
<b>CAS Number</b>	3392-10-7
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	312.3

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DCM)
<b>Melting Point</b>	134.9-135.7 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -57.8° (C=1 in Dioxane)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.50%
<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