

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	16563
<b>Lot Number</b>	000672-22-0089-10-03
<b>Product</b>	<b>Boc-L-prolinal</b>

(S)-Boc-pyrrolidine-2-carboxaldehyde

<b>CAS Number</b>	69610-41-9
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>17</sub> NO <sub>3</sub>

<b>Molecular Weight</b>	199.25
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<b>Appearance</b>	Orange liquid
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>21</sup> = -103.1° (C=1 in CHCl <sub>3</sub> )
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 97% (NMR)
<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**