

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	05548
<b>Lot Number</b>	002494-20170908-1
<b>Product</b>	<b>Boc-L-leucine chloromethylketone</b>  Boc-L-Leu-CMK
<b>CAS Number</b>	102123-85-3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>22</sub> NO <sub>3</sub> Cl
<b>Molecular Weight</b>	263.82

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 33.7 ± 1° (C=1, in MeOH)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay</b>	> 98% (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**