

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12797
<b>Lot Number</b>	000424-170208-30121
<b>Product</b>	<b>Boc-3-iodo-D-alanine methyl ester</b>

Boc- $\beta$ -iodo-D-Ala-OMe

<b>CAS Number</b>	170848-34-7
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>16</sub> INO <sub>4</sub>
<b>Molecular Weight</b>	329.14

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3g in 2ml MeOH)
<b>Melting Point</b>	48.5-49.0 °C
<b>Water Content (Karl Fisher)</b>	0.047%
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = +4.0 °(C=2 in MeOH)
<b>Infrared Spectrum</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to standard
<b>Purity by HPLC</b>	99.66%
<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