

# Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	05685
<b>Lot Number</b>	002396-089016
<b>Product</b>	<b>Fmoc-D-<i>allo</i>-isoleucine</b> Fmoc-D- <i>allo</i> -Ile-OH Fmoc-(2 <i>R</i> ,3 <i>S</i> )-2-amino-3-methylpentanoic acid
<b>CAS Number</b>	118904-37-3
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	353.4

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<b>Appearance</b>	White crystal
<b>Water Content (Karl Fisher)</b>	0.27%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Free Amino Acids</b>	0.03%
<b>Related Substances</b>	Other impurities : 0.12%
<b>Chiral HPLC</b>	99.96% (ee)
<b>L-Enantiomer</b>	0.04%
<b>Purity by HPLC</b>	99.79%
<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