

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12079
<b>Lot Number</b>	001902-1232-1
<b>Product</b>	<b>L-Leucine 9-fluorenylmethyl ester hydrochloride</b> L-Leu-OFm•HCl
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>23</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	345.89

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<b>Appearance</b>	White powder
<b>Melting Point</b>	169-172 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 16.2° (C=1% in MeOH)
<b>Related Substances</b>	H-Leu-OH: < 0.5% (By TLC)
<b>Assay</b>	100.8% (AgNO <sub>3</sub> )
<b>Purity by HPLC</b>	99.5%
<b>Purity by TLC</b>	Conforms to reference
<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