

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	11605
<b>Lot Number</b>	000129-180154
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-L-lysine 7-amido-4-methylcoumarin acetate salt</b> Boc-L-Lys-AMC acetate salt
<b>CAS Number</b>	116883-12-6
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>29</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight</b>	403.48

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear, colorless solution (50 mg/mL in MeOH)
<b>Water Content (Karl Fisher)</b>	0.32%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -28.2° (C=1 in MeOH)
<b>Assay by titration</b>	80%
<b>Purity by HPLC</b>	98.9%
<b>Purity by TLC</b>	> 98%
<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