

# 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>	05859
<b>Lot Number</b>	000129-12104
<b>Product</b>	<b>L-Arginine 7-amido-4-methylcoumarin</b> L-Arg-AMC•2HCl
<b>CAS Number</b>	113712-08-6
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>21</sub> N <sub>5</sub> O <sub>3</sub> •2HCl
<b>Molecular Weight</b>	404.3

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	271 - 272 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> = 88.1 ° (C=1 in 1N HCl)
<b>Assay by titration</b>	99.8%
<b>Purity by HPLC</b>	99.2%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 2-8 °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