

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	04546
<b>Lot Number</b>	000129-170362
<b>Product</b>	<b>Glutaryl-Gly-Arg-AMC•HCl</b>  Glutaryl-glycyl-L-arginine 7-amido-4-methylcoumarin hydrochloride
<b>CAS Number</b>	65147-16-2, 103213-40-7
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>30</sub> N <sub>6</sub> O <sub>7</sub> •HCl
<b>Molecular Weight</b>	538.99

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	208-215 °C (dec.)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -39.9° (C=1 in MeOH)
<b>Related Substances</b>	AMC content: 0.02%
<b>Assay by titration</b>	94.5%
<b>Purity by HPLC</b>	97.9%
<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