

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	11665
<b>Lot Number</b>	V1133-20110501
<b>Product</b>	<b>D-Arginine amide dihydrochloride</b>  D-Arg-NH <sub>2</sub> •2HCl
<b>CAS Number</b>	203308-91-2
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>15</sub> N <sub>5</sub> O•2HCl
<b>Molecular Weight</b>	246.2

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -14.6° (C=1.0078 in DMF)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 98% (NMR)
<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