

# *Chem-Impex International, Inc.*

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Wood Dale, IL 60191

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01640
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-L-arginine</b>
<b>Lot Number</b>	000201-4310
	Fmoc-L-Arg-OH
<b>CAS Number</b>	91000-69-0
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>24</sub> N <sub>4</sub> O <sub>4</sub>
<b>Molecular Weight</b>	396.4
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<b>Appearance</b>	White powder
<b>Melting Point</b>	150 - 152 °C
<b>Water Content (Karl Fisher)</b>	1.6%
<b>Kaiser Test</b>	Negative
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Not detected
<b>Free Amino Acids</b>	< 0.1% of the free aminoacid
<b>Purity by HPLC</b>	(265 nm) = 99.5%, (220 nm) = 99.2%
<b>Purity by TLC</b>	> 99%
<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**