

# Chem-Impex International, Inc.

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## Certificate of Analysis


<b>Catalogue Number</b>	05855
<b>Lot Number</b>	000424-201127-13064
<b>Product</b>	<b>N<sup>o</sup>-(2,2,4,6,7-</b> N <sup>o</sup> -(2,2,4,6,7-Pentamethylidihydrobenzofuran-5-sulfonyl)-L-arginine
<b>CAS Number</b>	200115-86-2
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>30</sub> N <sub>4</sub> O <sub>5</sub> S
<b>Molecular Weight</b>	426.53

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Water Content (Karl Fisher)</b>	2.11%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 4.2 ° (C=2 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.24% (50 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	100% (ee)
<b>D-Enantiomer</b>	Not detected
<b>Purity by HPLC</b>	99.40%
<b>Storage</b>	Store at 0-8 °C

**Remarks** 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