

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	05851
<b>Lot Number</b>	000127-1025816
<b>Product</b>	<b>N<sup>o</sup>-(4-Methoxy-2,3,6-trimethylbenzene-</b> L-Arg(Mtr)-OtBu (free base)
<b>CAS Number</b>	115608-61-2
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>34</sub> N <sub>4</sub> O <sub>5</sub> S
<b>Molecular Weight</b>	442.58

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear colorless solution (50 mg/mL in Methanol)
<b>Melting Point</b>	137.6 °C
<b>TLC System</b>	Chloroform/Methanol/Toluene/water (8:8:8:1) Ethylacetate/Pyridine/Acetic Acid/Water (60:20:6:11) Chloroform/Methanol/Acetic Acid (77.5:15:7.5) plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay</b>	98% (Elemental analysis, Nfd : 12.40%)
<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