

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	29324
<b>Lot Number</b>	000630-29039
<b>Product</b>	<b>1,7-Bis-Boc-1,4,7-triazaheptane</b>
<b>CAS Number</b>	117499-16-8
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>29</sub> N <sub>3</sub> O <sub>4</sub>
<b>Molecular Weight</b>	303.4
<b>Appearance</b>	White powder
<b>Melting Point</b>	78.0 °C
<b>TLC System</b>	System 1: n-Butanol/Water/Acetic acid (4:1:1) Impurities < 2% System 2: Chloroform/Methanol/Acetic acid (60:10:5) Impurities < 2%
<b>Analysis by Mass Spectra</b>	[M+H] <sup>+</sup> = 303.2
<b>Purity by TLC</b>	> 97%
<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**