

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	14119
<b>Product</b>	<b>(R)-1-Boc-2-<i>tert</i>-butyl-3-methyl-4-imidazolidinone</b>
<b>Lot Number</b>	001455-16483015 <i>(R)</i> -(+)-1-( <i>tert</i> -Butoxycarbonyl)-2- <i>tert</i> -butyl-3-methyl-4-imidazolidinone
<b>CAS Number</b>	119838-44-7
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>24</sub> N <sub>2</sub> O <sub>3</sub>

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<b>Appearance</b>	White or off-white powder
<b>Melting Point</b>	65.0 - 66.3 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = + 14.03°
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 97% (NMR)
<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