

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	17462
<b>Product</b>	<b>3-Hydrazinocarbonyl-pyrrolidine-1-carboxylic acid <i>tert</i>-butyl ester</b>
<b>Lot Number</b>	001388-160903001 1-Boc-pyrrolidine-3-carbohydrazide 1-Boc-3-hydrazinocarbonylpyrrolidine
<b>CAS Number</b>	411238-88-5
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>19</sub> N <sub>3</sub> O <sub>3</sub>
<b>Molecular Weight</b>	229.28

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<b>Appearance</b>	Pale yellow viscous oil
<b>Water Content (Karl Fisher)</b>	0.11%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	97.5%
<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**