

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22743
<b>Lot Number</b>	000630-22800
<b>Product</b>	<b>(1R,2R)-Boc-1,2-diaminocyclohexane</b>
<b>CAS Number</b>	137731-41-0, 146504-07-6
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	214.31

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<b>Appearance</b>	Yellow powder
<b>TLC System</b>	BuOH/ H <sub>2</sub> O/ AcOH (4:1:1) Impurities : < 3% CHCl <sub>3</sub> / MeOH/AcOH (60:10:5) Impurities < 3%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 34.5 ° (C=0.5 in MeOH)
<b>Analysis by Mass Spectra</b>	[M + H] <sup>+</sup> = 215
<b>Assay</b>	98%
<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