

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 14402  
**Lot Number** 001383-110327  
**Product** ***N*-Boc-*trans*-1,4-cyclohexanediamine**

*tert*-Butyl *trans*-4-aminocyclohexylcarbamate

**CAS Number** 195314-59-1, 177906-48-8  
**Molecular Formula** C<sub>11</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** 214.30

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**Appearance** White solid  
**Analysis by Mass Spectra** Conforms to structure  
**<sup>13</sup>C NMR** Conforms to structure  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by GC** 97.2%  
**Storage** 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**