

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 16260  |
| <b>Lot Number</b>        | 001629-20150525  |
| <b>Product</b>           | <b>Boc-1,5-diaminopentane</b><br><br><i>N</i> -Boc-cadaverine<br><br>Boc-DAPe-OH |
| <b>CAS Number</b>        | 51644-96-3   |
| <b>Molecular Formula</b> | C <sub>10</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>                    |
| <b>Molecular Weight</b>  | 202.3  |

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|--------------------------|--|
| <b>Appearance</b>        | Colorless to light yellow liquid   |
| <b><sup>1</sup>H NMR</b> | Conforms to structure  |
| <b>Purity by GC</b>      | 99.77%   |
| <b>Purity</b>            | > 98% (NMR)  |
| <b>Storage</b>           | Store at 0-8 °C  |
| <b>Remarks</b>           | See material safety data sheet for additional information<br><br>For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager