

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 02686   |
| <b>Lot Number</b>        | 000424-211102-20108   |
| <b>Product</b>           | <b>Boc-3-(3'-pyridyl)-L-alanine</b><br>Boc-L-Ala(3'-pyridyl)-OH |
| <b>CAS Number</b>        | 117142-26-4   |
| <b>Molecular Formula</b> | C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>   |
| <b>Molecular Weight</b>  | 266.3   |

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|                                 |  |
|---------------------------------|--|
| <b>Appearance</b>               | White powder   |
| <b>Optical Rotation</b>         | [α] <sub>D</sub> <sup>20</sup> = 16 ° (C=1 in EtOH)                                  |
| <b>Analysis by Mass Spectra</b> | Conforms to standard   |
| <b><sup>1</sup>H NMR</b>        | Conforms to structure  |
| <b>Chiral HPLC</b>              | 100% (ee)  |
| <b>D-Enantiomer</b>             | Not detected   |
| <b>Purity by HPLC</b>           | 99.2%  |
| <b>Storage</b>                  | Store at 0 - 8 °C  |
| <b>Remarks</b>                  | See material safety data sheet for additional information<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