

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 15976  |
| <b>Lot Number</b>        | 000705-729622  |
| <b>Product</b>           | <b>Boc-(R)-<math>\gamma</math>-(4-pyridinylmethyl)-L-proline</b> |
| <b>CAS Number</b>        | 959581-01-2  |
| <b>Molecular Formula</b> | C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>    |
| <b>Molecular Weight</b>  | 306.36   |

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|-------------------------|---|
| <b>Appearance</b>       | White solid   |
| <b>Melting Point</b>    | 197-199 °C  |
| <b>TLC System</b>       | Chloroform/Methanol/Acetic acid (90:8:2) Single spot<br>Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot<br>Visualized with Ninhydrin Spray |
| <b>Optical Rotation</b> | [ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -8.8° (C=1 in EtOH)   |
| <b>Purity by HPLC</b>   | 99.7%   |
| <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