

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                         |  |
|-------------------------|--|
| <b>Catalogue Number</b> | 11888                                      |
| <b>Lot Number</b>       | 11888-021004-1                             |
| <b>Product</b>          | <b>Boc-L-threonine 4-nitrophenyl ester</b> |

Boc-L-Thr-ONp

|                          |   |
|--------------------------|---|
| <b>CAS Number</b>        | 28307-08-6  |
| <b>Molecular Formula</b> | C <sub>15</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub> |

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|-------------------------|--------|
| <b>Molecular Weight</b> | 340.33 |
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|-------------------------|--|
| <b>Appearance</b>       | Pale yellow powder   |
| <b>Melting Point</b>    | 61-64 °C   |
| <b>Optical Rotation</b> | [α] <sub>D</sub> <sup>20</sup> = -11.5° (C=0.990% in MeOH) |
| <b>Purity by HPLC</b>   | > 98%  |
| <b>Storage</b>          | Store at 0-8°C   |

|                |  |
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| <b>Remarks</b> | See material safety data sheet for additional information<br>For laboratory use only |
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager