

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 30537   |
| <b>Lot Number</b>        | 000129-16076  |
| <b>Product</b>           | <b>(2S,3S)-(Fmoc-amino)-3-allyloxycarbonyl-aminobutyric acid</b><br>Fmoc-L-Abu(3S-Alloc-amino)-OH |
| <b>CAS Number</b>        | 1272754-91-2  |
| <b>Molecular Formula</b> | C <sub>23</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub>                                     |
| <b>Molecular Weight</b>  | 424.4   |

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|---------------------------|--|
| <b>Appearance</b>         | White crystalline powder   |
| <b>Melting Point</b>      | 192 - 194 °C   |
| <b>Optical Rotation</b>   | [α] <sub>D</sub> <sup>20</sup> = - 23.8 ° (C=0.5 in DMF)                             |
| <b>Assay by titration</b> | 100.5%   |
| <b>Purity by HPLC</b>     | 98.4%  |
| <b>Purity by TLC</b>      | > 98%  |
| <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