

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 11955   |
| <b>Lot Number</b>        | 000129-04072  |
| <b>Product</b>           | <b>Fmoc-<i>cis</i>-1,4-aminocyclohexyl acetic acid</b><br>Fmoc-1,4- <i>cis</i> -Acha-OH |
| <b>CAS Number</b>        | 1217675-84-7  |
| <b>Molecular Formula</b> | C <sub>23</sub> H <sub>25</sub> NO <sub>4</sub>   |
| <b>Molecular Weight</b>  | 379.4   |

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|---------------------------|--|
| <b>Appearance</b>         | White crystalline powder   |
| <b>Melting Point</b>      | 146 - 149 °C   |
| <b>Assay by titration</b> | 98%  |
| <b>Chiral HPLC</b>        | > 99.7% (ee)   |
| <b>Other Enantiomer</b>   | < 0.3%   |
| <b>Purity by HPLC</b>     | 99.1%  |
| <b>Purity by TLC</b>      | > 99%  |
| <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**