

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 05000  |
| <b>Lot Number</b>        | 000424-240703-21321  |
| <b>Product</b>           | <b>Fmoc-tranexamic acid</b><br>Fmoc-trans-4-(aminomethyl)cyclohexane-1-carboxylic acid |
| <b>CAS Number</b>        | 167690-53-1  |
| <b>Molecular Formula</b> | C <sub>23</sub> H <sub>25</sub> NO <sub>4</sub>  |
| <b>Molecular Weight</b>  | 379.46   |

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|------------------------------------|--|
| <b>Appearance</b>                  | White powder   |
| <b>Solubility</b>                  | Clear solution 0.1 g in 2 mL DMF:MeOH 1:1 solution                                   |
| <b>Melting Point</b>               | 181.6 - 182.7 °C   |
| <b>Water Content (Karl Fisher)</b> | 0.18%  |
| <b>Infrared Spectrum</b>           | Conforms to structure  |
| <b>Analysis by Mass Spectra</b>    | Conforms to standard   |
| <b>Loss on Drying</b>              | 0.80% (80 °C at 2 h)   |
| <b><sup>1</sup>H NMR</b>           | Conforms to structure  |
| <b>Purity by HPLC</b>              | 99.09%   |
| <b>Storage</b>                     | Store at 0 - 8 °C  |
| <b>Country of Origin</b>           | China  |
| <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