

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 12846   |
| <b>Product</b>           | <b>Fmoc-2-methyl-D-phenylalanine</b>            |
| <b>Lot Number</b>        | 000424-170302-23751<br>Fmoc-D-Phe(2-Me)-OH      |
| <b>CAS Number</b>        | 352351-63-4                                     |
| <b>Molecular Formula</b> | C <sub>25</sub> H <sub>23</sub> NO <sub>4</sub> |
| <b>Molecular Weight</b>  | 401.46  |

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|                                 |  |
|---------------------------------|--|
| <b>Appearance</b>               | White to off-white powder/solid                    |
| <b>Solubility</b>               | Clear solution (0.5 mmol/ml in DMF)                |
| <b>Optical Rotation</b>         | [α] <sub>D</sub> <sup>20</sup> = +58° (C=1 in DMF) |
| <b>Infrared Spectrum</b>        | Conforms to structure                              |
| <b>Analysis by Mass Spectra</b> | Conforms to standard                               |
| <b>Residual Solvents</b>        | Not identified                                     |
| <b>Related Substances</b>       | Not identified                                     |
| <b><sup>1</sup>H NMR</b>        | Conforms to structure                              |
| <b>Chiral HPLC</b>              | 100% (ee)  |
| <b>Purity by HPLC</b>           | 100%   |
| <b>Storage</b>                  | Store at 0-8°C                                     |

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**