

# *Chem-Impex International, Inc.*

Tel: (630) 766-2112

E-mail: [sales@chemimpex.com](mailto:sales@chemimpex.com)

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: [www.chemimpex.com](http://www.chemimpex.com)

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

|   |   |
|---|---|
| <b>Catalog Number</b>                                 | 02377   |
| <b>Product Name</b>                                   | <b>Fmoc-D-Arg(Mtr)-OH</b><br>N <sup>α</sup> -(9-Fluorenylmethyloxycarbonyl)-N <sup>Γ</sup> -(4-methoxy-2,3,6-trimethylbenzenesulfonyl)-D-arginine |
| <b>Lot Number</b>                                     | FC-02-047-1161367   |
| <b>Molecular Formula</b>                              | C <sub>31</sub> H <sub>36</sub> N <sub>4</sub> O <sub>7</sub> S   |
| <b>Molecular Weight</b>                               | 608.7   |
| <b>Melting Point</b>                                  | 125°-128°C  |
| <b>HPLC</b>   | 99.85%  |
| <b>Assay</b>  | >99+%   |
| <b>Specific Rotation (α<sup>20</sup><sub>D</sub>)</b> | +5.79° (C=1 in DMF)   |
| <b>Loss on Drying</b>                                 | 0.31%   |
| <b>Chromatography</b>                                 |   |
| TLC System Silica 60 F254                             | 99+%  |
| CHCl <sub>3</sub> /MeOH/H <sub>2</sub> O 70:30:2      |   |
| <b>Infrared Spectrum (KBr)</b>                        | Conforms to reference   |
| <b>Storage</b>  | Store at 0-8 °C.  |
| <b>Remarks</b>  | See material safety data sheets for additional information. For laboratory use only.  |

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



**Sashi Kumar**  
Quality Control Manager