

# Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| <b>Catalogue Number</b> | 04790                                               |
| <b>Lot Number</b>       | 4790-101299-1                                       |
| <b>Product</b>          | <b>Fmoc-D-<math>\alpha</math>-aminobutyric acid</b> |

Fmoc-D-Abu-OH

Fmoc-D-2-aminobutanoic acid

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| <b>CAS Number</b>        | 170642-27-0                                     |
| <b>Molecular Formula</b> | C <sub>19</sub> H <sub>19</sub> NO <sub>4</sub> |
| <b>Molecular Weight</b>  | 325.4                                           |

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|-------------------------|-------------------------------------------------------------------|
| <b>Melting Point</b>    | 122-125 °C                                                        |
| <b>Optical Rotation</b> | [ $\alpha$ ] <sub>D</sub> <sup>20</sup> = +19.4° (C=1.01% in DMF) |
| <b>Purity</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**