## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 33492

**Lot Number** 000129-15236

Product Fmoc-D-Phe(4-guanidino-Boc<sub>2</sub>)-OH

Fmoc-4-(*N*,*N* '-di-Boc-guanidino)-D-phenylalanine

**CAS Number** 2044709-96-6 **Molecular Formula** C<sub>35</sub>H<sub>40</sub>N<sub>4</sub>O<sub>8</sub>

**Molecular Weight** 644.7

**Appearance** White crystalline powder

**Optical Rotation** [a]<sup>20</sup><sub>D</sub> = -12.4  $^{\circ}$  (C=1 in MeOH)

Assay by titration 94%
Purity by HPLC 98.6%
Purity by TLC > 98%

**Storage** Store at 2 - 8 °C

**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**