

# *Chem-Impex International, Inc.*

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## *Certificate of Analysis*

**Catalogue Number** 29715  
**Lot Number** 000630-27474  
**Product** (2*S*, 4*S*)-Fmoc-4-(*N*'-Pbf-guanidino)-  
pyrrolidine-2-carboxylic acid

**Molecular Formula** C<sub>34</sub>H<sub>38</sub>N<sub>4</sub>O<sub>7</sub>S

**Molecular Weight** 646.76

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**Appearance** White powder

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = - 18.2 ° (C=1 in DMF)

**Analysis by Mass Spectra** M = 646.2

**Purity by HPLC** 97.9%

**Storage** Store at 0-8 °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