Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

825 Dillon Drive

Shipping and Correspondence: Manufacturing site:

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 29711

935 Dillon Drive

Lot Number 000630-29866

Product (S)-Fmoc-2-amino-3-(N'-Pbf-guanidino)-

propionic acid

Fmoc-L-Agp(Pbf)-OH

Molecular Formula C₃₂H₃₆N₄O₇S

Molecular Weight 620.72

Appearance White powder

Optical Rotation [a]_D²⁰ = - 13.4 ° (C=1 in DMF)

Analysis by Mass Spectra M = 620.3

Purity by HPLC 98.2%

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