## Chem-Impex International, Inc.

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

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

Shipping and Correspondence: Manufacturing site:

935 Dillon Drive 825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 22759

**Lot Number** 000630-21702

Product (S)-Fmoc-5,5-dimethyl-pyrrolidine-2-

carboxylic acid

(S)-Fmoc-5,5-dimethyl-Pro-OH

Molecular Formula C<sub>22</sub>H<sub>23</sub>NO<sub>4</sub>

Molecular Weight 365.43

**Appearance** White powder

**Optical Rotation** [a] $D^{20} = -14.0^{\circ}$  (C=1 in DMF)

**Analysis by Mass Spectra** M = 364.9

<sup>13</sup>C NMR Conforms to structure

<sup>1</sup>**H NMR** Conforms to structure

Purity by HPLC 99.7%

**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**