## Chem-Impex International, Inc.

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935 Dillon Drive

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825 Dillon Drive

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## Certificate of Analysis

Catalogue Number 35199

Product Fmoc-L-serine tert-butyl ester

**Lot Number** 000424-201202-36132

Fmoc-L-Ser-OtBu

CAS Number 110797-35-8
Molecular Formula C<sub>22</sub>H<sub>25</sub>NO<sub>5</sub>
Molecular Weight 383.44

**Appearance** White solid

**Optical Rotation** [a]<sub>D</sub><sup>20</sup> = -15.4  $^{\circ}$  (C=1 in MeOH)

Analysis by Mass Spectra Conforms to standard

Residual Solvents Not identified
Related Substances Not identified

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

Purity by HPLC 99.4%

**Storage** Store at RT

**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**