

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	05764
Product	Fmoc-O-tert-butyl dimethylsilyl-L-serine
Lot Number	000424-140309-36115 Fmoc-L-Ser(Bsi)-OH
CAS Number	146346-81-8
Molecular Formula	C ₂₄ H ₃₁ NO ₅ Si
Molecular Weight	441.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	107.9-108.4 °C
Water Content (Karl Fisher)	0.081%
Optical Rotation	[α] _D ²⁰ = +19.2° (C=2 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.68%
¹H NMR	Conforms to structure
Purity by HPLC	98.57%
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