

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	04314
Product	Fmoc-D-aspartic acid α-tert-butyl ester
Lot Number	000424-140702-36511 Fmoc-D-Asp-OtBu
CAS Number	134098-70-7
Molecular Formula	C ₂₃ H ₂₅ NO ₆
Molecular Weight	411.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	106.0-107.5 °C
Water Content (Karl Fisher)	0.187%
Optical Rotation	[α] _D ²⁰ = +23.9° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.12% (50 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	99.10%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 04314

Lot Number: 000424-140702-36511

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