

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	03733
Lot Number	000424-111009-21506
Product	Fmoc-D-phenylglycine Fmoc-D-Phg-OH (R)-Fmoc-2-aminophenylacetic acid
CAS Number	111524-95-9
Molecular Formula	C ₂₃ H ₁₉ NO ₄
Molecular Weight	373.4

Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	173.4-174.0 °C
Water Content (Karl Fisher)	0.084%
Optical Rotation	[α] _D ²⁰ = -82.0° (C=1% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.82% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.61%
Storage	Store at 0-8 °C

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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