

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	03949
Product	Boc-4-(Fmoc-amino)-L-phenylalanine
Lot Number	000424-150827-31315 Boc-L-Phe(4-NH-Fmoc)-OH Boc- <i>p</i> -(Fmoc-amino)-L-Phe-OH
CAS Number	114346-31-5
Molecular Formula	C ₂₉ H ₃₀ N ₂ O ₆
Molecular Weight	502.56

Appearance	White to off-white powder
Solubility	Clear solution (1 mmol in 2 mL DMF)
Water Content (Karl Fisher)	0.582%
Optical Rotation	[α] _D ²⁰ = -5.3° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.44% (50 °C, 2h)
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	98.01%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 03949

Lot Number: 000424-150827-31315

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