



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number	04-1151
Product	Fmoc-D-alanine
Lot Number	110506-35002 Fmoc-D-Ala-OH
CAS Number	79990-15-1
Molecular Formula	C ₁₈ H ₁₇ NO ₄
Molecular Weight	311.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	147 °C
Water Content (Karl Fisher)	5.36%
Optical Rotation	[α] _D ²⁰ = +18.5° (C=1 in DMF)
Analysis by Mass Spectra	Conforms to standard
L-Enantiomer	0.0478%
Purity by HPLC	99.28%
Storage	Store at 0-8 °C

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP