



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## *Certificate of Analysis*

Catalogue Number	04-1152
Lot Number	002516-1-6-02369
Product	<b>Fmoc-L-alanine</b>

Fmoc-L-Ala-OH

CAS Number	35661-39-3
Molecular Formula	C <sub>18</sub> H <sub>17</sub> NO <sub>4</sub>
Molecular Weight	311.3

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Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	6.15%
Optical Rotation	$[\alpha]_D^{20} = -18.8^\circ$ (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Purity by HPLC	99.91%
Chiral Purity	99.90% (ee)
Storage	Store at 0-8 °C