



# 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	04-1181
Lot Number	120204-22430
Product	<b>Fmoc-<math>\alpha</math>-aminoisobutyric acid</b>

Fmoc-Aib-OH

Fmoc- $\alpha$ -methylalanine

CAS Number	94744-50-0
Molecular Formula	C <sub>19</sub> H <sub>19</sub> NO <sub>4</sub>
Molecular Weight	325.37

---

Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	182.7-183.3 °C
Water Content (Karl Fisher)	0.03%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.1% (75 °C, 2h)
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	99.61%
Storage	Store at 0-8°C