



# 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	04-783
Product	<b>Boc-L-methionine</b>
Lot Number	000424-160225-31201 Boc-L-Met-OH
CAS Number	2488-15-5
Molecular Formula	C <sub>10</sub> H <sub>19</sub> NO <sub>4</sub> S
Molecular Weight	249.3

---

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	49.3-52.7 °C
Water Content (Karl Fisher)	0.25%
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = -23.3° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	99.51%
Purity by TLC	> 98%
Storage	Store at 0-8 °C

Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP