



# 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	04-805
Lot Number	2353
Product	<b>Boc-<i>O</i>-methyl-L-serine dicyclohexylammonium salt</b> Boc-L-Ser(Me)-OH•DCHA
CAS Number	51293-47-1 (net)
Molecular Formula	C <sub>9</sub> H <sub>17</sub> NO <sub>5</sub> ·C <sub>12</sub> H <sub>23</sub> N
Molecular Weight	400.53
<hr/>	
Appearance	Off-white crystals
Solubility	Clearly soluble (0.5 mmole in 1 ml DMF)
Melting Point	118-127 °C
Kaiser Test	Negative
Optical Rotation	[α] <sub>D</sub> <sup>27</sup> = +17 ± 2° (C=4 in CHCl <sub>3</sub> )
Purity by HPLC	HPLC (214 nm) = > 98.5%; HPLC = Nucleosil C8; 100 x 4 mm; Gradient: A=0.1% TFA in Water, B=0.1% TFA in Acetonitrile, 5% B to 80% B in 30 Min.
Purity by TLC	>96%
Storage	Store at 2-8 °C