



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number 04-886  
Lot Number 000424-150305-31607  
Product **Boc-D-threonine**

Boc-D-Thr-OH

CAS Number 55674-67-4  
Molecular Formula  $C_9H_{17}NO_5$   
Molecular Weight 219.2

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Appearance White powder  
Solubility Clear solution (0.3 g in 2 mL DMF)  
Melting Point 55.0-58.2 °C  
Water Content (Karl Fisher) 3.986%  
Optical Rotation  $[\alpha]_D^{20} = +8.8^\circ$  (C=2 in AcOH)  
Infrared Spectrum Conforms to structure  
Analysis by Mass Spectra Conforms to standard  
 $^1H$  NMR Conforms to structure  
Purity by HPLC 98.34%  
Storage Store at 0-8 °C