



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-293884A  
Lot Number: SAMPLE  
Product Name: Boc-L-threonine N-hydroxysuccinimide ester  
CAS Number: 63076-44-8  
Molecular Formula:  $C_{13}H_{20}N_2O_7$   
Molecular Weight: 316.31

Test	Specification	Result
Appearance		White powder
Assay		100.0% (Nth 49.36%, Nfd 49.38%)
Purity (TLC)		Decomposes on TLC plate
Melting Point		135 °C
Solubility		Clear colorless solution (50 mg/mL in Dioxane)
Optical Rotation ( $\alpha^{24}_D$ )		-32.2° (C=1 in EtOH)
Carbon Content	49.4%	Complies
Hydrogen Content	6.4%	6.5%
Nitrogen Content	8.9%	8.7%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)