



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-475661
Lot Number: SAMPLE
Product Name: Boc-L-alanine methyl ester
CAS Number: 28875-17-4
Molecular Formula: $C_9H_{17}NO_4$
Molecular Weight: 203.24

Test	Result
Appearance	White crystalline powder FFVC
Identification (Infrared Spectrum)	Consistent with reference
Purity	Chiral Purity: 100% (by GITC)
Purity (HPLC)	98.4% Area normalization at 215 nm
TLC	< 0.2% Ala; Ala-Ome < 0.5% Relative to substance
Melting Point	33.5 - 35.4 °C
Optical Rotation	-44.8° (c = 1%, MeOH)
Impurity	Boc-Ala: 0.0% (by HPLC)
Loss on Drying	0.0%

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