



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216080
Lot Number: SAMPLE
Product Name: β -Chloro-L-alanine hydrochloride
CAS Number: 51887-89-9
Molecular Formula: $C_3H_6ClNO_2 \cdot HCl$
Molecular Weight: 160.00

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100%
Solution (Color)	Colorless at 50 mg/ml in water	Complies
Solution (Turbidity)	clear (< 3.5 NTU) at 50 mg/ml in water	Complies
Specific Rotation	$-2.2 \pm 2^\circ$	-2.2°
Carbon Content	21.9 - 23.1%	22.6%
Nitrogen Content	8.5 - 9.0%	8.8%

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