



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-291972  
Lot Number: SAMPLE  
Product Name: beta-Chloro-L-alanine  
CAS Number: 2731-73-9  
Molecular Formula:  $C_3H_6NO_2Cl$   
Molecular Weight: 123.54

Test	Specification	Result
Appearance	White to yellow crystalline powder or needles	Complies
Identification ( $^1H$ -NMR)		Consistent with structure
Identification (LCMS)		Complies
Purity (HPLC)	$\geq 98\%$	98.9%
Melting Point	184 - 194 °C	Complies
Specific Rotation	+14° - +16° (c =1, H <sub>2</sub> O)	+14.4°

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)