



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-286600
Lot Number: SAMPLE
Product Name: O-Acetyl-D-serine hydrochloride
CAS Number: 201212-79-5
Molecular Formula: $C_5H_9NO_4 \cdot HCl$
Molecular Weight: 183.64

Test	Specification	Result
Purity (TLC)		> 98%
Melting Point		154 - 162 °C
Solubility		Clear and colorless solution (50 mg/mL in 80% Acetic acid)
Optical Rotation ($\alpha_{24/D}$)		-17.3° (C = 2 in 0.1 N HCl)
Carbon Content	40.8%	40.8 ± 0.5%
Hydrogen Content	6.2%	6.2 ± 0.5%
Nitrogen Content	9.5%	9.5 ± 0.5%
Water Content (KF)		< 0.5%

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