



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-225134
Lot Number: SAMPLE
Product Name: 2-Amino-4-thiazolecarboxylic acid hydrobromide
CAS Number: 112539-08-9
Molecular Formula: $C_4H_4N_2O_2S \cdot HBr$
Molecular Weight: 225.06

Test	Specification	Result
Appearance	White to orange to tan powder, crystals, crystalline powder and/or chunks	Off white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	88.0 - 112.0%	95.9%
Carbon Content	18.8 - 23.9%	21.9%
Nitrogen Content	10.9 - 13.9%	12.8%
Sulfur	12.5 - 16.0%	14.7%

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