



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-222069  
Lot Number: SAMPLE  
Product Name: N<sup>G</sup>-Monomethyl-L-homoarginine monoacetate  
CAS Number:  
Molecular Formula:  $C_8H_{18}N_4O_2 \cdot CH_3COOH$   
Molecular Weight: 262.31

Test	Specification	Result
Appearance	White to off white crystalline solid	White crystalline solid
Identification ( <sup>1</sup> H-NMR)	Consistent with standard reference	Complies
Purity (TLC)	≥ 97%	Rf: 0.19, single spot
Melting Point	151 - 157 °C	153 - 155 °C
Solubility	Soluble in water (100 mg/ml)	Complies
Optical Rotation	+9.0 ± 1.5°	+9.1°
Carbon Content	44.87%	45.05%
Hydrogen Content	8.51%	8.52%
Nitrogen Content	20.93%	20.64%

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)