



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227136
Lot Number: SAMPLE
Product Name: 9-Acridinecarboxylic acid
CAS Number: 5336-90-3
Molecular Formula: $C_{14}H_9NO_2$
Molecular Weight: 223.23

Test	Specification	Result
Appearance	Yellow to yellow-green powder	Yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	$> 99.9\%$
Purity (Titration)	96.5 - 103.5% corrected for H_2O (HCl 0.1M)	98.5%
Solution (Color)	Yellow to green at 10 mg/ml in methyl sulfoxide	Yellow at 10 mg/ml in methyl sulfoxide
Solution (Turbidity)	Clear to slightly hazy at 10 mg/ml in methyl sulfoxide	Clear at 10 mg/ml in methyl sulfoxide
Water Content	6.0 - 15.0%	14.3%

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