



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-252865  
Lot Number: SAMPLE  
Product Name: Gramicidin from Bacillus aneurinolyticus (Bacillus brevis)  
CAS Number: 1405-97-6  
Molecular Formula:  $C_{99}H_{140}N_{20}O_{17}$   
Molecular Weight: 1882.3

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (HPLC)	Consistent with past lots	Complies
Concentration	Gramicidin: $\geq 900 \mu\text{g}/\text{mg}$ (dried basis)	1054 $\mu\text{g}/\text{mg}$
Solubility	Clear to very slightly hazy colorless to faint yellow solution in EtOH at 50 mg/mL	Clear very faint yellow solution in EtOH at 50 mg/mL
Water Content (KF)	$\leq 3.0\%$	0.4%

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)