



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202457  
Lot Number: SAMPLE  
Product Name: Amikacin disulfate  
CAS Number: 39831-55-5  
Molecular Formula:  $C_{22}H_{43}N_5O_{13} \cdot 2H_2SO_4$   
Molecular Weight: 781.75  
Native Source: Semisynthetic from kanamycin A

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
pH	2.0 - 4.0 (1% in water)	3.9
Solution (Color)	Colorless to faintly yellow at 50 mg/ml in water	Colorless
Solution (Turbidity)	Clear (< 3.5 NTU) at 50 mg/ml in water	Clear
Loss on Drying	≤ 13%	5.8%
Potency	674 - 786 µg amikacin base/mg (anhydrous basis)	776 µg amikacin base/mg (anhydrous basis)

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)