



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-200104
Lot Number: SAMPLE
Product Name: Kasugamycin Hydrochloride Monohydrate
CAS Number: 6980-18-3
Molecular Formula: $C_{14}H_{25}N_3O_9 \cdot HCl \cdot H_2O$
Molecular Weight: 433.84

Test	Specification	Result
Appearance (Color)	2150-60 to 2155-60, 2150-70 to 2156-70, HC-6, HC-33, or HC-36	HC-36 Cream w/ Tan Tint
Appearance (Form)	Fine Powder, may form clumps	Fine Powder
Purity	≥80.0%	84.1%
Completeness of Solution	Dissolves within 3 min	Complies
pH		5.05
Solubility	Soluble in water (50 mg/mL)	Complies
Solution (Clarity)	Clear	Complies
Solution (Color)	Slight yellow to beige tint	Slight beige tint
FTIR	Conforms to Structure	Complies
Insoluble Matter	None	Complies

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