



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-212619  
Lot Number: SAMPLE  
Product Name: Quinine hydrochloride dihydrate  
CAS Number: 6119-47-7  
Molecular Formula:  $C_{20}H_{24}N_2O_2 \cdot HCl \cdot 2H_2O$   
Molecular Weight: 396.91

Test	Result
Appearance	White powder
Purity	100.8%
Residue on Ignition	$\leq 0.15\%$
Heavy Metals	$\leq 10$ ppm
Insoluble Matter	$\leq 0.1\%$ (chloroform - alcohol-insoluble-substances)
Loss on Drying	9.1%
Arsenic	$\leq 3$ ppm
Sulfate	$\leq 500$ ppm
Zinc	$\leq 25$ ppm

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)