



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-204073  
Lot Number: SAMPLE  
Product Name: Medetomidine hydrochloride  
CAS Number: 106807-72-1  
Molecular Formula:  $C_{13}H_{16}N_2.HCl$   
Molecular Weight: 236.74

Test	Specification	Result
Appearance	White or off-white crystalline powder	White crystalline powder
Assay	≥98.5%	99.50%
Identification		Complies
Clarity	Complies	Complies
pH	3.5-4.5	4.44
Residue on Ignition	≤0.1%	0.09%
Solubility	Complies	Complies
Solution (Color)	Complies	Complies
Heavy Metals	≤10ppm	Complies
Loss on Drying	≤1.0%	0.18%
Related Substances	≤1.0%	0.30%

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)