



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-360822
Lot Number: SAMPLE
Product Name: Spermidine trihydrochloride
CAS Number: 334-50-9
Molecular Formula: $C_7H_{19}N_3 \cdot 3HCl$
Molecular Weight: 254.63

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity (Titration)	$\geq 98\%$	99.6%
Purity (TLC)	$\geq 98\%$	98%
Solubility	Soluble in wter (100 mg/ml)	Complies
Carbon Content	33.02%	33.03%
Nitrogen Content	16.50%	16.37%

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