



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251926
Lot Number: SAMPLE
Product Name: 3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate hydrate
CAS Number: 313223-04-0
Molecular Formula: $C_{32}H_{58}N_2O_7S \cdot xH_2O$
Molecular Weight: 614.88 (anhydrous basis)

Test	Specification	Result
Appearance	White crystalline powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	98%
Conductivity	$\leq 50 \mu\text{ohm}/\text{c}$	7 $\mu\text{ohm}/\text{c}$
Solubility	Clear and colorless solution at 50 mg/mL, H_2O	Complies
Carbon Content	61.3 - 63.8 %	63.0 %
Nitrogen Content	4.4 - 4.9 %	4.7 %
Water Content (KF)	$\leq 8\%$	4%

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