



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250991A
Lot Number: SAMPLE
Product Name: Sodium 1-hexanesulfonate monohydrate
CAS Number: 207300-91-2
Molecular Formula: $C_6H_{13}O_3S \cdot Na \cdot H_2O$
Molecular Weight: 206.24

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder or crystals or flakes	Flakes
Cyclic Voltammetry	Consistent with standard CV	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration, Ion Exchange)	$\geq 99.0\%$	100.2%
Residue	No residue (filter test: 10% in water)	Complies
Absorbance	210 nm: < 0.1 220 nm: < 0.06 230 nm: < 0.04 260 nm: < 0.02 500 nm: < 0.02	210 nm: 0.011 220 nm: < 0.005 230 nm: < 0.005 260 nm: < 0.005 500 nm: < 0.005
Carbon Content	34.94%	34.86%
Hydrogen Content	7.33%	7.23%
Water Content	8.74%(monohydrate)	8.75%
Suitability	Consistent with standard (HPLC)	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