



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-237017  
Lot Number: SAMPLE  
Product Name: Tetrabutylammonium methanesulfonate  
CAS Number: 65411-49-6  
Molecular Formula:  $C_{17}H_{39}NO_3S$   
Molecular Weight: 337.56

Test	Specification	Result
Appearance (Color)	White/Colorless	White
Appearance (Form)	Fine crystals to crystals	Fine crystals
Cyclic Voltammetry	Consistent with standard CV	Complies
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity (Titration, Ion Exchange)	95.0 - 103.0%	99.2% GEW.
Melting Point	78 - 86 °C	83 °C
Carbon Content	60.49%	59.97%
Hydrogen Content	11.64%	11.52%
Nitrogen Content	4.15%	4.16%

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)