



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-235875
Lot Number: SAMPLE
Product Name: Methyltrioctadecylammonium bromide
CAS Number: 18262-86-7
Molecular Formula: $C_{55}H_{114}BrN$
Molecular Weight: 869.42

Test	Specification	Result
Appearance (Color)	White to faintly beige	White
Appearance (Form)	Powder to powder with lumps	Powder
Identification (1H -NMR)	Complies with structure	Complies
Purity (Nonaqueous Titration)	$\geq 98.0 \%$	98.4 %
Melting Point	89 - 92 °C	89 °C
Carbon Content	75.98 % (Theoretical)	75.88 %
Hydrogen Content	13.22 % (Theoretical)	13.60 %
Nitrogen Content	1.61 % (Theoretical)	1.56 %

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