



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-391062
Lot Number: SAMPLE
Product Name: Semustine
CAS Number: 13909-09-6
Molecular Formula: $C_{10}H_{18}ClN_3O_2$
Molecular Weight: 247.72

Test	Result
Appearance	Yellow powder
Identification (1H -NMR)	Consistent with structure
Identification (^{13}C -NMR)	Consistent with structure
Purity (TLC)	100%
Solubility	Clear light yellow solution at 50 mg/ml in methanol
Carbon Content	48.34%
Chlorine	14.28% (Silver Nitrate Titration)
Nitrogen Content	16.88%

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