



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229622
Lot Number: SAMPLE
Product Name: Tris(2-cyanoethyl)nitromethane
CAS Number: 1466-48-4
Molecular Formula: $C_{10}H_{12}N_4O_2$
Molecular Weight: 220.23

Test	Specification	Result
Appearance	White to off-white crystals	Off-white crystals
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 95\%$	$> 95\%$
Solution (Color)	Colorless at 25 mg/ml in CH_3CN	Complies
Solution (Turbidity)	Clear at 25 mg/ml in CH_3CN	Complies
Carbon Content	51.2 - 57.8%	54.6%
Nitrogen Content	24.0 - 27.1%	25.5%

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