



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-222709
Lot Number: SAMPLE
Product Name: 1-Methyl-2-[(phenylsulfonyl)methyl]benzene
CAS Number: 71996-48-0
Molecular Formula: $C_{14}H_{14}O_2S$
Molecular Weight: 246.32

Test	Specification	Result
Appearance	White powder ,crystals and /or lumps	White crystalline powder and lumps
Identification (1H-NMR)		Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	96.5 - 103.5% (with BA(CLO4)2 after Oxygen	98.1%
Solubility	Clear colorless solution at 25mg/ml in Methanol	Clear colorless solution at 25mg/ml in Meoh
Carbon Content	65.9 - 71.0%	69.24%
Hydrogen Content		5.82%
Sulfur	12.5 -13.5%	13.03%

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