



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251551
Lot Number: SAMPLE
Product Name: 1,2-Benzodiphenylene sulfide
CAS Number: 239-35-0
Molecular Formula: $C_{16}H_{10}S$
Molecular Weight: 234.32

Test	Specification	Result
Appearance	White to off white crystalline powder or solid	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 99\%$	$> 99\%$
Solubility	Clear to slightly hazy and colorless to faint yellow solution at 2.5% in $CHCl_3$	Clear and colorless solution at 2.5% in $CHCl_3$
Carbon Content	80.8 - 83.2%	82.0%
Nitrogen Content	13.4 - 14.0%	13.7%

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.

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