



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-233439
Lot Number: SAMPLE
Product Name: 5-Phenyl-1H-1,2,4-triazole-3-thiol
CAS Number: 3414-94-6
Molecular Formula: $C_8H_7N_3S$
Molecular Weight: 177.23

Test	Result
Appearance	White powder
Identification (1H-NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Purity (TLC)	97%
Melting Point	255.5 - 260.9 °C
Solubility	Clear colorless solution at 10 mg/ml in MeOH
Loss on Drying	2.0%
Carbon Content	52.42%
Nitrogen Content	22.53%

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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