



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-213667
Lot Number: SAMPLE
Product Name: 2-(4-Biphenyl)-6-phenylbenzoxazole
CAS Number: 17064-47-0
Molecular Formula: $C_{25}H_{17}NO$
Molecular Weight: 347.41

Test	Specification	Result
Appearance	White to faint beige powder or crystals	Off white powder
Purity (TLC)	$\geq 98.0\%$	100.0%
Melting Point	198 - 202 °C	199 °C
Solubility	Clear colorless solution at 0.1g in 10 ml chloroform	Complies
Molar Extinction Coefficient		48484
Wavelength	323 - 333 nm	329.4 nm
Carbon Content	86.43 %	86.45 %
Hydrogen Content	4.93 %	5.01 %
Nitrogen Content	4.03 %	3.95 %

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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