



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-259250
Lot Number: SAMPLE
Product Name: 2-(5-Phenyl-2-oxazolyl)benzoic acid
CAS Number: 23464-97-3
Molecular Formula: $C_{16}H_{11}NO_3$
Molecular Weight: 265.26

Test	Specification	Result
Appearance	White to tan powder, crystals, crystalline	White powder
Gas Liquid Chromatography	$\geq 96.5\%$	99.3%
Identification (1H -NMR)	Conforms to structure	Complies
Identification (^{13}C -NMR)	Conforms to structure	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
Purity (Sodium Hydroxide Titration)	96.5 - 103.5%	99.8%
Elemental Analysis		C: 72.25% N: 5.23%
Melting Point		195.6 - 196.7°C

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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