



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-254052
Lot Number: SAMPLE
Product Name: 2-(4-Bromophenyl)quinoxaline
CAS Number: 5021-45-4
Molecular Formula: $C_{14}H_9BrN_2$
Molecular Weight: 285.14

Test	Specification	Result
Appearance	White to tan solid, powder, crystals	Beige powder
Identification (1H-NMR)		Consistent with structure
Identification (13C-NMR)		Consistent with structure
Identification (Infrared Spectrum)		Consistent with structure
Purity (HPLC)		99.6%
Purity (Silver Nitrate Titration)	95.5 - 104.5% (after O2 combustion)	101.4%
Melting Point		134.8 - 137.3 °C
Carbon Content		59.06%
Nitrogen Content		9.80%

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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