



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229847
Lot Number: SAMPLE
Product Name: 2-(2-Aminophenyl)benzothiazole
CAS Number: 29483-73-6
Molecular Formula: $C_{13}H_{10}N_2S$
Molecular Weight: 226.30

Test	Specification	Result
Appearance	White to yellow to green powder, crystals	Light green powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	99.9%
Melting Point		126.6 - 128.4 °C
Carbon Content	66.6 - 71.4%	68.94%
Nitrogen Content	11.9 - 12.9%	12.34%

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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