



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-256014
Lot Number: SAMPLE
Product Name: 2-(4,5-Dihydro-1H-imidazol-2-yl)phenol
CAS Number: 1565-39-5
Molecular Formula: $C_9H_{10}N_2O$
Molecular Weight: 162.19

Test	Specification	Result
Appearance	White to tan solid, powder, crystals	Tan powder
Identification (1H-NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	99%
Melting Point		206.9 - 208.2 °C
Carbon Content	64.3 - 69.0%	66.72%
Nitrogen Content	16.6 - 17.9%	17.31%

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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