



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214726
Lot Number: SAMPLE
Product Name: Cinnoline hydrochloride
CAS Number: 5949-24-6
Molecular Formula: $C_8H_6N_2 \cdot HCl$
Molecular Weight: 166.61

Test	Specification	Result
Appearance		Beige solid
Identification (NMR)		Complies
Purity (TLC)	> 95%	> 99%
Melting Point	156 - 158 °C	160 - 161 °C
Absorption Excitation (1)	280 $\pm$ 3 nm	280 nm
Extinction Coefficient (1)	3500 $\pm$ 300 cm-1M-1	3510 cm-1M-1
Absorption Excitation (2)	320 $\pm$ 3 nm	320 nm
Extinction Coefficient (2)	3100 $\pm$ 300 cm-1M-1	3120 cm-1M-1

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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