



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214664
Lot Number: SAMPLE
Product Name: Carbostyryl 124
CAS Number: 19840-99-4
Molecular Formula: $C_{10}H_{10}N_2O$
Molecular Weight: 174.20

Test	Specification	Result
Purity (HPLC)	$\geq 95\%$ at 254 nm	99% at 254 nm
Purity (TLC)	$\geq 95\%$	> 99%
Extinction Coefficient	$17000 \pm 1500 \text{ cm}^{-1}\text{M}^{-1}$	$18500 \text{ cm}^{-1}\text{M}^{-1}$
Fluorescence Emission Max	$408 \pm 4 \text{ nm}$	406 nm
λ_{max}	$347 \pm 3 \text{ nm}$	348 nm

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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