



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-474297
Lot Number: SAMPLE
Product Name: Sudan Blue
CAS Number: 128-85-8
Molecular Formula: $C_{22}H_{18}N_2O_2$
Molecular Weight: 342.40

Test	Specification	Result
Appearance		Dark blue solid
Purity (HPLC)	$\geq 90\%$ at 254 nm	98 % at 254 nm
Purity (TLC)	$\geq 90\%$	> 98 %
Extinction Coefficient	$8,000 \pm 1,000$ cm ⁻¹ M ⁻¹	8,400 cm ⁻¹ M ⁻¹
λ_{max}	640 ± 3 nm	640 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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