



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214487
Lot Number: SAMPLE
Product Name: Acridine Orange 10-nonyl bromide
CAS Number: 75168-11-5
Molecular Formula: $C_{26}H_{38}BrN_3$
Molecular Weight: 472.50

Test	Specification	Result
Purity (HPLC)	$\geq 90\%$ at 254 nm	99% at 254 nm
Purity (TLC)	$\geq 90\%$	> 99%
Extinction Coefficient	$89000 \pm 6500 \text{ cm}^{-1} \text{ M}^{-1}$	$89900 \text{ cm}^{-1} \text{ M}^{-1}$
Fluorescence Emission Max	$519 \pm 4 \text{ nm}$	518 nm
λ_{max}	$495 \pm 3 \text{ nm}$	495 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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