



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-286960  
Lot Number: SAMPLE  
Product Name: Ethidium Bromide Solution  
CAS Number: 1239-45-8  
Molecular Formula:  $C_{21}H_{20}N_3 \cdot Br$   
Molecular Weight: 394.31

Test	Specification	Result
Purity (HPLC)	$\geq 98\%$ at 254 nm	99%
Purity (TLC)	$\geq 98\%$	> 99%
Extinction Coefficient	$6000 \pm 500 \text{ cm}^{-1}\text{M}^{-1}$	$6300 \text{ cm}^{-1}\text{M}^{-1}$
$\lambda_{\text{max}}$	$480 \pm 3 \text{ nm}$	480 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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