



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-203735  
Lot Number: SAMPLE  
Product Name: Ethidium bromide  
CAS Number: 1239-45-8  
Molecular Formula:  $C_{21}H_{20}N_3 \cdot Br$   
Molecular Weight: 394.30

Test	Result
Appearance	Dark red to purple color powder
Identification (Infrared Spectrum)	Consistent with structure
Purity (HPLC)	99.97%
Melting Point	261 °C
pH	4.17
Solubility	Soluble in water
Loss on Drying	5.30%
Related Substances	Passes test
Iron	Passes test
Sulfated Ash	0.02%

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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