

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Ethidium Bromide, molecular biology reagent

Catalog Number: 193993

Lot: 1220K

Formula: $C_{21}H_{20}N_3Br$

CAS #: 1239-45-8

Physical Description: Purple Powder

Formula Weight: 394.3

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 98\%$	98.33%

Melting Point: 248-250c

Clarity: Passes

Solubility: Passes

pH: 5.30

Loss on Drying: 6.90%

Sulfated Ash: 0.15%

TLC: Passes

Water Content: 1.32%

07/28/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)