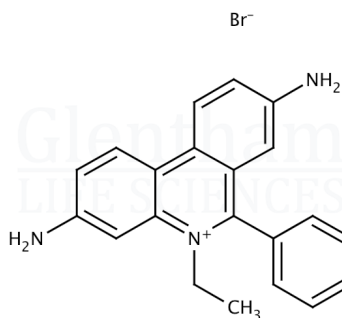


Certificate of Analysis

Product Name Ethidium bromide
Glentham Code GT1710
CAS Number 1239-45-8
EINECS 214-984-6
MDL Number MFCD00011724
PubChem SID 310272694
Batch Number 610XFM

Molecular Weight 394.31
Molecular Formula $C_{21}H_{20}BrN_3$
Storage Temp. +20°C



Property	Specification	Batch 610XFM
Physical Description	Red to dark red or purple crystalline powder	Dark crystalline powder
Solubility (1% in water)	Clear, red to dark red solution	Clear, dark red solution
Wavelength of Maximum Absorption (λ_{max})	524.0 - 527.0 nm (in methanol)	524.5 nm
Absorptivity (1%/1cm)	155 - 170 (λ_{max} , 0.05g/l, methanol, dried)	156.9
Loss on Drying	$\leq 9.5\%$	5.65%
Assay	$\geq 95.0\%$ (anhydrous basis)	98.5%

Specification Version v1.1
Manufacture Date 2021-12-10
Re-Test Date 2030-11-17

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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