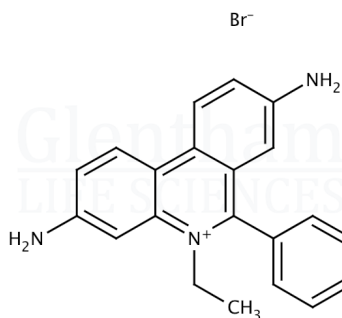


## Certificate of Analysis

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 ( $\lambda_{max}$ )	524.0 - 527.0 nm (in methanol)	524.5 nm
Absorptivity (1%/1cm)	155 - 170 ( $\lambda_{max}$ , 0.05g/l, methanol, dried)	156.9
Loss on Drying	≤ 9.5%	5.65%
Assay	≥ 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024