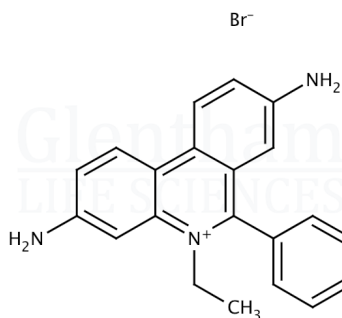


## Product Specification

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

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



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

Specification Version	- v1.1
Date Created	- 2021-03-14

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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