

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB9326	
Compound name	Ethidium Bromide solution, 10mg/mL in water	
Chemical name	5-ethyl-6-phenylphenanthridin-5-ium-3,8-diamine bromide solution	
Batch number	E2436-1-4	
Batch molecular formula	C ₂₁ H ₂₀ BrN ₃	
Batch molecular weight	394.31	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 99.1%
NMR	1H NMR in D ₂ O at 400 MHz consistent with structure	Meets specification
Physical appearance	Red solution free from insoluble particles	Meets specification

Produced by

Signature

Passed by

Signature

Date

12/12/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.