

## Certificate of Analysis

Date of Testing: 2022-06-28 16:15:13  
Date of Next Testing: 2026-06-27 16:15:13  
Product Name: **Ethidium bromide(EB)**  
CAS Number: 1239-45-8  
Specifications & Purity: for molecular biology,powder,≥95% (HPLC)  
Lot #: F2222073  
SKU #: **E119045**  
**Analysis: 091814**  
Storage Temperature: Store at 2-8°C,Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	2.24 %
Purity(HPLC)	95-100 (%)	99.36000 %
Appearance (E119045)	Orange to Brown to Red to Very Dark Red or Dark Purple Powder to crystal	Orange to Brown to Red to Very Dark Red or Dark Purple Powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Orange to Dark Orange or Red-Orange,200mg plus 4ml	pass	Pass
Gel Electrophoresis test	Pass	Pass



John Su  
QA & QC Manager