

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-30 17:03:48
 Date of Next Testing: 2029-07-29 17:03:48
 Product Name: **Ethidium bromide(EB)**
 CAS Number: 1239-45-8
 Specifications & Purity: Suitable for molecular biology, ≥95%(HPLC), powder
 Lot #: G2523375
 SKU #: **E119045**
 Version: **1**
 Analysis #: **520290**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.60100 %
Water by Karl Fischer	0-5 (%)	4.74430 %
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
Gel Electrophoresis test	Pass	Pass
Solubility in H ₂ O , Orange to Dark Orange or Red-Orange, 200mg plus 4ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager