

Certificate of Analysis

Date of Testing: 2025-04-18 15:06:15

Date of Next Testing: 2027-04-08 15:06:15

Product Name: **Dimidium bromide**

CAS Number: 518-67-2

Specifications & Purity: $\geq 95\%$

Lot #: F23161170

SKU #: **D113500**

Version: **1**

Analysis #: **499571**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.51700 %
Purity(with Total Nitrogen)	95-100 (%)	98.50 %
Appearance (D113500)	Red to purple Powder or Solid or Crystals	Red to purple Powder or Solid or Crystals
Fluorescence(pH 7.6, low ionic strength)	λ_{ex} 480	λ_{ex} 480
Fluorescence, λ_{ex} 306 nm; λ_{em} 612 nm 50 mM Tris pH 8.0 (DNA)	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager