

Certificate of Analysis

Date of Testing: 2022-06-15 10:06:13

Date of Next Testing: 2024-06-04 10:06:13

Product Name: **Dimidium bromide**

CAS Number: 518-67-2

Specifications & Purity: 95%

Lot #: F2206393

SKU #: **D113500**

Analysis: **083623**

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

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.95800 %
Purity (Argentmetric Titration)	95-100 (%)	97.00 %
Appearance (D113500)	Red to purple Powder or Solid or Crystals	Red to purple Powder or Solid or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency
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



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QA & QC Manager