

Certificate of Analysis

Date of Testing: 2022-06-14 13:37:10
Date of Next Testing: 2026-06-13 13:37:10
Product Name: **N,N'-Dimethyl-9,9'-biacridinium dinitrate**
CAS Number: 2315-97-1
Specifications & Purity: chemiluminescent reagent grade
Lot #: F2208012
SKU #: **D121464**
Analysis: 084190
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Extinction Coefficient(H ₂ O,368.0 - 369.0 nm)	≥33000	44796.00
Extinction Coefficient(H ₂ O,260.0 - 261.0 nm)	≥150000	174846.00
Purity(HPLC)	97-100 (%)	98.50300 %
Appearance (D121464)	Yellow to Orange to Brown Powder	Yellow to Orange to Brown Powder
Solubility, Yellow, Clear to Hazy, C=40mg/4ml, Acetic Acid	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager