

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-20 15:24:57

Date of Next Testing: 2028-09-19 15:24:57

Product Name: **N,N'-Dimethyl-9,9'-biacridinium dinitrate**

CAS Number: 2315-97-1

Specifications & Purity: chemiluminescent reagent grade

Lot #: I2419475

SKU #: **D121464**

Version: **1**

Analysis #: **405025**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Extinction Coefficient(H ₂ O,368.0 - 369.0 nm)	≥33000	38432.73396
Purity(HPLC)	97-100 (%)	99.19300 %
Extinction Coefficient(H ₂ O,260.0 - 261.0 nm)	≥150000	150785.00000
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