

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-28 17:08:44

Date of Next Testing: 2028-11-27 17:08:44

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

CAS Number: 2315-97-1

Specifications & Purity: chemiluminescent reagent grade

Lot #: K2422406

SKU #: **D121464**

Version: **1**

Analysis #: **431047**

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

Parameter	Limit Values	Result
Extinction Coefficient(H ₂ O,368.0 - 369.0 nm)	≥33000	37809.65
Extinction Coefficient(H ₂ O,260.0 - 261.0 nm)	≥150000	155865.08
Purity(HPLC)	97-100 (%)	99.60700 %
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