

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-12 11:24:42
 Date of Next Testing: 2029-12-11 11:24:42
 Product Name: **N,N'-Dimethyl-9,9'-biacridinium dinitrate**
 CAS Number: 2315-97-1
 Specifications & Purity: chemiluminescent reagent grade
 Lot #: L2504054
 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	37809.64688
Extinction Coefficient(H ₂ O,260.0 - 261.0 nm)	≥150000	155865.08438
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