

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-06 19:13:39
Date of Next Testing: 2027-01-05 19:13:39
Product Name: **N,N'-Dimethyl-9,9'-biacridinium dinitrate**
CAS Number: 2315-97-1
Specifications & Purity: chemiluminescent reagent grade
Lot #: A2304636
SKU #: **D121464**
Analysis: 169549
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Extinction Coefficient(H ₂ O,368.0 - 369.0 nm)	≥33000	40707.97
Extinction Coefficient(H ₂ O,260.0 - 261.0 nm)	≥150000	182855.82
Purity(HPLC)	97-100 (%)	99.31200 %
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