

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-03-19 15:20:36
Date of Next Testing:	2025-03-19 15:20:36
Product Name:	<b>Bis(2,2'-bipyridine)-(5-aminophenanthroline)ruthenium bis(hexafluorophosphate)</b>
CAS Number:	84537-86-0
Specifications & Purity:	96%
Lot #:	I2206316
SKU #	<b>B276537</b>
Analysis:	<b>332950</b>
Storage Temperature:	Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	97.58000 %
Appearance(B276537)	Orange to Red to Very Dark Red and Purple to Very Dark Purple Powder	Orange to Red to Very Dark Red and Purple to Very Dark Purple Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure
FNMR spectrum	Conforms to structure	Conforms to Structure
ICP: Confirms	Confirmed	Confirmed
Ruthenium Component		



John Su  
QA & QC Manager