

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-13 14:49:48
 Date of Next Testing: 2026-06-12 14:49:48
 Product Name: Tris[4,4'-bis(t-butyl)-2,2'-bipyridine]ruthenium(II) hexafluorophosphate
 CAS Number: 75777-87-6
 Specifications & Purity: ≥95%
 Lot #: F23061829
 SKU #: T282795
 Version: 1
 Analysis #: 209925
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.00000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Appearance(T282795)	Orange to red-orange to red solid	Orange to red-orange to red solid



John Su
QA & QC Manager