

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-16 11:19:23
 Date of Next Testing: 2027-01-15 11:19:23
 Product Name: **(4,4'-Di-tert-butyl-2,2'-bipyridine)bis[(2-pyridinyl)phenyl]iridium(III) Hexafluorophosphate**
 CAS Number: 676525-77-2
 Specifications & Purity: >85.0%(HPLC)
 Lot #: D2108238
 SKU #: **D155319**
Analysis: 311983
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	5.2-6.5 (%)	6.08 %
Carbon by Elemental Analysis	44.6-55.5 (%)	49.50 %
Purity(HPLC)	85-100 (%)	99.64300 %
Appearance (D155319)	White to Light Yellow to Orange Powder or Crystals	White to Light Yellow to Orange Powder or Crystals
ICP:Confirms Iridium Component	Confirmed	Confirmed
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager