

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-16 19:44:01
Date of Next Testing: 2026-02-15 19:44:01
Product Name: **Tris(2,2''-bipyridine)ruthenium(II) hexafluorophosphate**
CAS Number: 60804-74-2
Specifications & Purity: 95%
Lot #: B2311193
SKU #: **T282797**
Analysis: 160299
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-----------------------------------|--|--|
| Purity(HPLC) | 95-100 (%) | 97.37000 % |
| Appearance (T282797) | Orange to Dark Orange to Dark Red powder,crystals,chunks | Orange to Dark Orange to Dark Red powder,crystals,chunks |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Fluorine NMR Spectrum | Conforms to Structure | Conforms to Structure |
| ICP: Confirms Ruthenium Component | Confirmed | Confirmed |



John Su
QA & QC Manager