

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-26 17:06:54
 Date of Next Testing: 2029-01-25 17:06:54
 Product Name: **Tris(2,2'-bipyridyl)dichlororuthenium(II) hexahydrate**
 CAS Number: 50525-27-4
 Specifications & Purity: ≥99.95% metals basis
 Lot #: A2620644
 SKU #: **T432774**
 Version: **1**
 Analysis #: **635660**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	45.7-50.5 (%)	47.12000 %
Nitrogen by Elemental Analysis	10.7-11.8 (%)	10.99000 %
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.98400 %
Trace Metal Analysis	0-500 (ppm)	160.00000 ppm
Water by Karl Fischer	13.5-15 (%)	14.19810 %
Appearance(T432774)	Orange to Dark Red Powder	Orange to Dark Red Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Ruthenium Component	Confirmed	Confirmed



John Su
QA & QC Manager