

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-25 14:58:24

Date of Next Testing: 2028-09-24 14:58:24

Product Name: **Tris(2,2'-bipyridyl)dichlororuthenium(II) hexahydrate**

CAS Number: 50525-27-4

Specifications & Purity: ≥99.95% metals basis

Lot #: I2515623

SKU # **T432774**

Version **1**

Analysis #: **564322**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	45.7-50.5 (%)	47.13000 %
Nitrogen by Elemental Analysis	10.7-11.8 (%)	11.01000 %
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.96380 %
Trace Metal Analysis	0-500 (ppm)	362.00000 ppm
Water by Karl Fischer	13.5-15 (%)	15.00000 %
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