

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-21 09:59:13

Date of Next Testing: 2028-04-20 09:59:13

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

CAS Number: 50525-27-4

Specifications & Purity: $\geq 99.95\%$ metals basis

Lot #: D2517076

SKU #: **V33496**

Version: **0**

Analysis #: **500998**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	45.7-50.5 (%)	46.27 %
Nitrogen by Elemental Analysis	10.7-11.8 (%)	10.86 %
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.95 %
Trace Metal Analysis	0-500 (ppm)	499.00 ppm
Water by Karl Fischer	13.5-15 (%)	13.52 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Appearance(V33496)	Orange to Dark Red Powder	Orange to Dark Red Powder

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

