

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-15 17:01:12
Date of Next Testing: 2027-12-14 17:01:12
Product Name: **Tris(2,2'-bipyridine)ruthenium dichloride**
CAS Number: 14323-06-9
Specifications & Purity: $\geq 98\%$
Lot #: L2311135
SKU #: **T299622**
Analysis: **297664**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.10000 %
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Appearance(T299622)	Red to deep red Solid	Red to deep red Solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager