

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-12 10:34:33  
Date of Next Testing: 2028-03-11 10:34:33  
Product Name: **Tris(2,2'-bipyridine)ruthenium dichloride**  
CAS Number: 14323-06-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: B2429576  
SKU #: **T299622**  
**Analysis:** **329871**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74000 %
Appearance(T299622)	Red to deep red Solid	Red to deep red Solid
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager