

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-25 17:47:15
Date of Next Testing: 2027-07-24 17:47:15
Product Name: **Tris(2,2'-bipyridine)ruthenium dichloride**
CAS Number: 14323-06-9
Specifications & Purity: $\geq 98\%$
Lot #: G2321137
SKU #: **T299622**
Analysis: **079497**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00000 %
Appearance(T299622)	Bright red crystalline powder	Bright red crystalline powder
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager