

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 10:52:47

Date of Next Testing: 2025-03-06 10:52:47

Product Name: **Bis(tetrabutylammonium) Dihydrogen Bis(isothiocyanato)bis(2,2'-bipyridyl-4,4'-dicarboxylato)ruthenium(II)**

CAS Number: 207347-46-4

Specifications & Purity: 90% (HPLC)

Lot #: H1909222

SKU #: **B132959**

Analysis: **194773**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	8.5-9.6 (%)	8.82 %
Purity(HPLC)	90-100	95.63
Appearance (B132959)	Maroon to black powder	Maroon to black powder
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager