

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-21 11:20:42

Date of Next Testing: 2025-04-20 11:20:42

Product Name: **cis-Bis(isothiocyanato)(2,2'-bipyridyl-4,4'-dicarboxylato)(4,4'-di-nonyl-2'-bipyridyl)ruthenium(II)**

CAS Number: 502693-09-6

Specifications & Purity: 95% , NMR

Lot #: D2313175

SKU # **I134984**

**Analysis: 192867**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Proton NMR	95-100 (%)	95.20%
Purity(HPLC area)	90-100 (%)	92.00%
Appearance(I134984)	Black Powder	black powder
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager