

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-30 20:12:25

Date of Next Testing: 2025-11-29 20:12:25

Product Name: **Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) bis(perchlorate)**

CAS Number: 75213-31-9

Specifications & Purity: 95%

Lot #: K2228858

SKU #: **T334581**

**Analysis: 134693**

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

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.84600 %
Ruthenium (Ru)	7.5-9.3 (%)	7.82 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
ICP: Confirms Ru Component	Confirmed	Confirmed



John Su  
QA & QC Manager