

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-10 13:34:14

Date of Next Testing: 2026-06-09 13:34:14

Product Name: (+)-1,2-Bis((2S,5S)-2,5-diethylphospholano)benzene(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate

CAS Number: 213343-64-7

Specifications & Purity: ≥98%

Lot #: F2301203

SKU #: **B282802**

Version: **1**

Analysis #: **218697**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.2-55.9 (%)	53.72000 %
Specific rotation [α] ₂₀ /D(c=1, Methanol)	-55~-40 (°)	-54.86000 °
Appearance(B282802)	Red to Orange Powder	Red to Orange Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager