

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-03 16:49:12

Date of Next Testing: 2028-01-03 16:49:12

Product Name: (R)-(-)-1-[(S)-2-[Bis(4-trifluoromethylphenyl)phosphino]ferrocenyl]ethyl-di-t-butylphosphine

CAS Number: 246231-79-8

Specifications & Purity: $\geq 97\%$

Lot #: C2211396

SKU #: R282426

Version: 1

Analysis #: 446364

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.17900 %
Specific Rotation $[\alpha]_{20/D}(c=c=0.6, CHCl_3)$	-335--330 (°)	-334.11200 °
Appearance(R282426)	Orange crystalline powder	Orange crystalline powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager