

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-01 10:59:00

Date of Next Testing: 2025-05-31 10:59:00

Product Name: (S)-1-[(RP)-2-(Diphenylphosphino)ferrocenyl]ethyldi-tert-butylphosphine

CAS Number: 277306-29-3

Specifications & Purity: $\geq 97\%$

Lot #: E23231124

SKU #: S138602

Version: 1

Analysis #: 212764

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

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.20000 %
Enantiomeric Excess	99-100 (%)	99.90000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager