

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-24 13:22:29
 Date of Next Testing: 2026-05-23 13:22:29
 Product Name: (S)-1-[(RP)-2-(Dicyclohexylphosphino)ferrocenyl]ethyldi-tert-butylphosphine
 CAS Number: 1246841-00-8
 Specifications & Purity: ≥97%
 Lot #: E2316952
 SKU #: S464232
 Version: 2
 Analysis #: 205114
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	67.22-71.38 (%)	69.09900 %
Specific Rotation [α] ₂₀ /D(c=0.5 in CHCL ₃)	175-195 (°)	194.59000 °
Appearance(S464232)	yellow to Faint Orange to Dark Orange solid	yellow to Faint Orange to Dark Orange solid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager