

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-12 15:43:41
Date of Next Testing: 2027-11-12 15:43:41
Product Name: (R)-1-[(SP)-2-(Diphenylphosphino)ferrocenyl]ethyldicyclohexylphosphine
CAS Number: 155806-35-2
Specifications & Purity: $\geq 97\%$
Lot #: K2130134
SKU #: R138301
Version: 0
Analysis #: 408214
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Optical purity(ee)	99-100 (%)	99.69%
Purity(HPLC)	97-100 (%)	97.84600%
Appearance (R138301)	Light Orange to Very Dark Orange Powder or Crystal	Light Orange to Very Dark Orange Powder or Crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager