

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-28 09:49:21
Date of Next Testing: 2027-04-28 09:49:21
Product Name: (R)-(-)-1-[(R)-2-(2''-Diphenylphosphinophenyl)ferrocenyl]ethylbis(di-3,5-trifluoromethylphenyl)phosphine
CAS Number: 565184-33-0
Specifications & Purity: 97%
Lot #: D2418425
SKU #: R282446
Analysis: 336389

| Parameter | Limit Values | Result |
|------------------------------|-----------------------|-----------------------|
| Purity(HPLC area) | 97-100 (%) | 99.20% |
| Carbon by Elemental Analysis | 56.39-62.32 (%) | 57.55% |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager