

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-10-25 14:09:53

Date of Next Testing: 2027-10-15 14:09:53

Product Name: (S)-(+)-N,N-Dimethyl-1-(2-diphenylphosphino)ferrocenylethylamine

CAS Number: 55650-58-3

Specifications & Purity: ≥97%

Lot #: C2215142

SKU #: S102810

Version: 1

Analysis #: 582300

Storage Temperature: Protected from light, Argon charged

| Parameter                                                                      | Limit Values          | Result                |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation [α] <sub>D</sub> <sup>20</sup> (c=0.5 in CHCl <sub>3</sub> ) | 335-355 (°)           | 354.78 °              |
| Purity(HPLC)                                                                   | 98-100 (%)            | 98.04000 %            |
| Infrared spectrum                                                              | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum                                                            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager