

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-10 10:38:20
 Date of Next Testing: 2029-03-09 10:38:20
 Product Name: (S)-(-)-2,2''-Bis[di(3,5-xylyl)phosphino]-6,6''-dimethoxy-1,1''-biphenyl
 CAS Number: 362634-22-8
 Specifications & Purity: ≥97%, ≥99%(ee)
 Lot #: E2318551
 SKU #: S281901
 Version: 1
 Analysis #: 666520
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.51600 %
Enantiomeric Excess	99-100 (%)	99.99800 %
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager