

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-17 15:40:12

Date of Next Testing: 2026-06-16 15:40:12

Product Name: (S)-1-Amino-8-(diphenylphosphino)-1,2,3,4-tetrahydronaphthalene

CAS Number: 1222630-45-6

Specifications & Purity: $\geq 97\%$, $\geq 98\%$ (ee)

Lot #: F2309399

SKU #: S282211

Version: 2

Analysis #: 204121

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Enantiomeric Excess	98-100 (%)	99.62000 %
Purity(As C)	97-100 (%)	99.21000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager