

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-21 17:11:04

Date of Next Testing: 2026-04-20 17:11:04

Product Name: (2S,2'S,3S,3'S)-3,3'-di-tert-butyl-4,4'-bis((S)-2-methyl-1-phenylpropoxy)-2,2',3,3'-tetrahydro-2,2'-bibenzo[d][1,3]oxaphosphole

CAS Number: 2169292-11-7

Specifications & Purity: ≥97%, ≥99%(ee)

Lot #: D2313502

SKU #: S489887

Version: 1

Analysis #: 192661

Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	98.00000 %
Enantiomeric Excess	99-100 (%)	100.00000 %
Appearance(S489887)	White to pale yellow solid	white to pale yellow solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager