

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-24 18:08:21

Date of Next Testing: 2026-03-23 18:08:21

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

CAS Number: 2169292-05-9

Specifications & Purity: $\geq 97\%$, $\geq 99\%$ (ee)

Lot #: C2317180

SKU #: S489911

Version: 1

Analysis #: 163456

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

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	97.00000 %
Enantiomeric Excess	99-100 (%)	100.00000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(S489911)	White to pale yellow solid	white to pale yellow solid



John Su
QA & QC Manager