

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-13 10:18:02

Date of Next Testing: 2026-06-12 10:18:02

Product Name: ((2R,3R)-4-(anthracen-9-yl)-3-(tert-butyl)-2,3-dihydrobenzo[d][1,3]oxaphosphol-2-yl)di-tert-butylphosphine oxide

CAS Number:

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

Lot #: F2306505

SKU #: R419757

Version: 1

Analysis #: 215194

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

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	97.00000 %
Enantiomeric Excess	99-100 (%)	99.90000 %
Appearance(R419757)	White to pale yellow solid	white to pale yellow solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager