

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-10 16:35:44

Date of Next Testing: 2026-06-09 16:35:44

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

CAS Number:

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

Lot #: F2302133

SKU #: D419744

Version: 1

Analysis #: 215203

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

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	97.00000 %
Enantiomeric Excess	99-100 (%)	99.70000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(D419744)	Pale yellow transparent oil	Pale yellow transparent oil



John Su
QA & QC Manager