

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-23 14:32:12

Date of Next Testing: 2027-09-23 14:32:12

Product Name: (R)-3-(t-Butyl)-4-(2,6-dimethoxyphenyl)-2,3-dihydrobenzo[d][1,3]oxaphosphole

CAS Number: 1338454-03-7

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

Lot #: K2103134

SKU #: R282141

Version: 1

Analysis #: 402667

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	97.03000 %
Specific Rotation $[\alpha]_{20/D}(c=0.3 \text{ in CHCL}_3)$	160-190 (°)	189.80000 °
Appearance(R282141)	White to pale yellow solid	white to pale yellow solid
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager