

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-02 13:12:54

Date of Next Testing: 2027-09-01 13:12:54

Product Name: **(R)-1-(Diphenylphosphino)-2-amino-3,3-dimethylbutane**

CAS Number: 1366384-12-4

Specifications & Purity: $\geq 97\%$

Lot #: H2307927

SKU #: **R591011**

Version: **1**

Analysis #: **253929**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.17900 %
Enantiomeric Excess	99-100 (%)	99.58000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager