

Certificate of Analysis

Date of Testing: 2023-09-01 15:16:22

Date of Next Testing: 2027-08-31 15:16:22

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

CAS Number: 1366384-12-4

Specifications & Purity: 97%

Lot #: H2307981

SKU #: **R591011**

Analysis: **253929**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.18 %
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