

Certificate of Analysis

Date of Testing: 2025-05-08 16:10:17

Date of Next Testing: 2027-04-28 16:10:17

Product Name: (R)-(+)-2,2',6,6'-Tetramethoxy-4,4'-bis(diphenylphosphino)-3,3'-bipyridine

CAS Number: 221012-82-4

Specifications & Purity: $\geq 97\%$

Lot #: L1910163

SKU #: T121324

Version: 0

Analysis #: 497400

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.77400 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ CHCL}_3)$	94-102 (°)	101.58 °
Appearance (T121324)	White to Tan Solid	White to Tan Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager