

Certificate of Analysis

Date of Testing: 2022-12-22 11:44:00

Date of Next Testing: 2026-12-21 11:44:00

Product Name: (R)-3,3'-Bis[3,5-bis(trifluoromethyl)phenyl]-1,1'-binaphthyl-2,2'-diyl hydrogenphosphate

CAS Number: 791616-62-1

Specifications & Purity: ≥98%

Lot #: L2213029

SKU #: B299327

Version: 1

Analysis #: 137897

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.01500 %
Optical Rotation (c = 1%; Chloroform (Stabilized with Ethanol))	-255~-205 (°)	-254.76000 °
Appearance(B299327)	White to Light Yellow and Faint Beige to Beige Crystal to Powder	White to Light Yellow and Faint Beige to Beige Crystal to Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager