

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-12-22 11:43:35
Date of Next Testing:	2026-12-21 11:43:35
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 #:	L2213034
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