

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-28 16:10:00

Date of Next Testing: 2026-04-27 16:10:00

Product Name: (S)-3,3'-Bis(2,4,6-triisopropylphenyl)-1,1'-binaphthyl-2,2'-diyl hydrogenphosphate

CAS Number: 874948-63-7

Specifications & Purity: ≥98%

Lot #: D23211345

SKU #: S464538

Version: 1

Analysis #: 201835

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.31600 %
Enantiomeric Excess	99-100 (%)	99.62000 %
Appearance(S464538)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager