

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-05 09:40:04

Date of Next Testing: 2026-05-04 09:40:04

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

CAS Number: 874948-63-7

Specifications & Purity: $\geq 98\%$

Lot #: D23211349

SKU #: **S464538**

Version: **1**

Analysis #: **201835**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.32 %
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