

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-02 10:04:10  
 Date of Next Testing: 2029-03-01 10:04:10  
 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 #: D23211299  
 SKU #: **S464538**  
 Version: **1**  
**Analysis #:** **657536**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.31 %
Enantiomeric Excess	99-100 (%)	99.60000 %
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