

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-16 14:04:40

Date of Next Testing: 2025-06-05 14:04:40

Product Name: (S)-(+)-1,1'-Binaphthyl-2,2'-diyl Hydrogen Phosphate

CAS Number: 35193-64-7

Specifications & Purity: ≥97%

Lot #: I2113060

SKU # B117618

Version 0

Analysis #: 242162

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	580-605 (°)	590.00000 °
Purity(HPLC)	97-100 (%)	98.05500 %
Purity (Titration by NaOH)	96.5-103.5 (%)	97.81100 %
Appearance (B117618)	Solid particle or powder	Solid particle or powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Pyridine , Colorless to Faint Yellow,Clear to Slightly Hazy5%	pass	Pass



John Su
QA & QC Manager