

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 13:21:31
 Date of Next Testing: 2027-07-07 13:21:31
 Product Name: (S)-(+)-1,1'-Binaphthyl-2,2'-diyl Hydrogen Phosphate
 CAS Number: 35193-64-7
 Specifications & Purity: ≥97%
 Lot #: K1520094
 SKU #: B117618
 Version: 0
 Analysis #: 540206
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.91400 %
Purity (Titration by NaOH)	96.5-103.5 (%)	96.85000 %
Specific Rotation [α] _{20/D} (c=1 in MeOH)	580-605 (°)	603.80000 °
Appearance (B117618)	Solid particle or powder	Solid particle or powder
Solubility in Pyridine , Colorless to Faint Yellow,Clear to Slightly Hazy5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager