

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 16:30:02
Date of Next Testing: 2027-09-07 16:30:02
Product Name: (S)-(+)-1,1'-Binaphthyl-2,2'-diyl Hydrogen Phosphate
CAS Number: 35193-64-7
Specifications & Purity: $\geq 97\%$
Lot #: I2511246
SKU #: B117618
Version: 0
Analysis #: 541302

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.73900 %
Purity (Titration by NaOH)	96.5-103.5 (%)	96.90 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	580-605 ($^{\circ}$)	603.10 $^{\circ}$
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