

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-25 10:24:20
Date of Next Testing: 2028-06-14 10:24:20
Product Name: **(S)-(+)-1,1'-Binaphthyl-2,2'-diyl Hydrogen Phosphate**
CAS Number: 35193-64-7
Specifications & Purity: $\geq 97\%$
Lot #: I2410053
SKU #: **B117618**
Version: **0**
Analysis #: **724400**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	580-605 (°)	603.86000°
Purity(HPLC)	97-100 (%)	98.67000%
Purity (Titration by NaOH)	96.5-103.5 (%)	96.89000%
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