

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-13 11:25:25
 Date of Next Testing: 2024-04-02 11:25:25
 Product Name: (±)-1,1'-Binaphthyl-2,2'-diyl Hydrogenphosphate
 CAS Number: 35193-63-6
 Specifications & Purity: ≥99%
 Lot #: E2009103
 SKU #: B120028
 Version: 2
 Analysis #: 086626
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	98.90000 %
Purity(HPLC)	99-100 (%)	99.20000 %
Appearance (B120028)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , almost transparency	pass	Pass



John Su
QA & QC Manager