

Certificate of Analysis

Date of Testing: 2024-10-31 15:19:47
 Date of Next Testing: 2027-10-31 15:19:47
 Product Name: (R)-3,3'-Bis(9-anthracenyl)-1,1'-binaphthyl-2,2'-diyl hydrogenphosphate
 CAS Number: 361342-51-0
 Specifications & Purity: ≥95%
 Lot #: K2118313
 SKU #: I169905
 Version: 1
 Analysis #: 408079
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.87900 %
Specific rotation $[\alpha]_{20/D}(C=1, \text{Ethanol})$	-30--20 (°)	-29.80000 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager