

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-22 15:58:06
 Date of Next Testing: 2026-08-12 15:58:06
 Product Name: (R)-(+)-2-Diphenylphosphino-2'-methoxy-1,1'-binaphthyl
 CAS Number: 145964-33-6
 Specifications & Purity: ≥96%
 Lot #: K2209523
 SKU #: D489387
 Version: 1
 Analysis #: 403094
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	96.30820 %
Specific Rotation [α] ₂₀ /D(c=0.3 in CHCL ₃)	91-98 (°)	95.67000 °
Apearance(D489387)	White to Beige Powder or Solid or Flakes	White to Beige Powder or Solid or Flakes
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager