

Certificate of Analysis

Date of Testing: 2025-04-22 15:59:49
 Date of Next Testing: 2027-04-12 15:59:49
 Product Name: (R)-(+)-2-Diphenylphosphino-2'-methoxy-1,1'-binaphthyl
 CAS Number: 145964-33-6
 Specifications & Purity: ≥98%
 Lot #: G2312789
 SKU #: D121025
 Version: 0
 Analysis #: 494062
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.3 in CHCL ₃)	91-98 (°)	97.11°
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (D121025)	White to Beige to Light Yellow Powder or Solid or Flakes	White to Beige to Light Yellow Powder or Solid or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Solubility in Toluene	almost transparency	almost transparency



John Su
QA & QC Manager