

Certificate of Analysis

Date of Testing: 2024-09-20 14:01:59

Date of Next Testing: 2026-09-10 14:01:59

Product Name: (R)-(+)-2-Diphenylphosphino-2'-methoxy-1,1'-binaphthyl

CAS Number: 145964-33-6

Specifications & Purity: 98%

Lot #: C1912163

SKU #: D121025

Version: 0

Analysis #: 400591

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.25800 %
Specific Rotation [a] _D ²⁰ /D(c=0.3 in CHCL ₃)	91-98 (°)	97.98 °
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
Solubility in Toluene	almost transparency	almost transparency
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager