

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-26 15:36:12
Date of Next Testing: 2026-09-16 15:36:12
Product Name: **(R)-8-(Diphenylphosphino)-1,2,3,4-tetrahydronaphthalen-1-amine**
CAS Number: 960128-64-7
Specifications & Purity: 97%
Lot #: A1514023
SKU #: **R115643**
Version: **0**
Analysis #: **408185**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---------------------------------|---------------------------------|
| Purity(Titration by HClO ₄) | 96.5-103.5 (%) | 98.60% |
| Specific Rotation [α] ₂₀ /D(c=0.5 in CHCl ₃) | -60--50 (°) | -59.35° |
| Purity(HPLC) | 97-100 (%) | 97.25000% |
| Appearance (R115643) | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager