

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-20 13:37:52
Date of Next Testing:	2025-10-09 13:37:52
Product Name:	Dichloro(S)-(-)-2,2'-bis(diphenylphosphino)-1,1'-binaphthyl]palladium(II)
CAS Number:	127593-28-6
Specifications & Purity:	97%
Lot #:	A2207400
SKU #	D133001
Analysis:	287748
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.5 in CHCL ₃)	-700--600 (°)	-634.00 °
Carbon by Elemental Analysis	63.7-68.4 (%)	64.88 %
Appearance (D133001)	Yellow to Orange Powder and/or Chunks	Yellow to Orange Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager