

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-11 15:52:09
Date of Next Testing:	2025-10-10 15:52:09
Product Name:	(R)-RuCl[(p-cymene)(BINAP)]Cl
CAS Number:	145926-28-9
Specifications & Purity:	98%
Lot #:	A2205243
SKU #	C396000
Analysis:	284097
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(As C)	98-100 (%)	98.23 %
Specific rotation $[\alpha]_{20/D}(C = 0.5\%, CHCl_3)$	510-610 (°)	516.20000 °
Appearance(C396000)	Yellow to Orange to Brown Powder	Yellow to Orange to Brown Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager