

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-11 14:10:02
 Date of Next Testing: 2027-08-11 14:10:02
 Product Name: **Ru(OAc)₂[(S)-xylbinap]**
 CAS Number: 374067-49-9
 Specifications & Purity: ≥95%
 Lot #: H2501036
 SKU #: **R396464**
 Version: **1**
 Analysis #: **555698**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	67.0-74.0 (%)	69.70000 %
Specific rotation [α] _{20/D} (c=0.5, Chloroform)	-1010--970 (°)	-989.20000 °
Appearance(R396464)	Amber to Brown powder to crystal	Amber to Brown powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
31P NMR spectrum	Conforms to structure	Conforms to Structure
ICP: Confirms Ru Component	Confirmed	Confirmed



John Su
QA & QC Manager