

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-15 11:03:22

Date of Next Testing: 2026-07-14 11:03:22

Product Name: Diacetato{(S)-(+)-5,5''-bis[di(3,5-di-t-butyl-4-methoxyphenyl)phosphino]-4,4''-bi-1,3-benzodioxole}ruthenium(II) Ru(OAc)₂[(S)-dtbm-segphos®]

CAS Number: 1025476-84-9

Specifications & Purity: ≥95%

Lot #: G2305019

SKU #: D282691

Version: 1

Analysis #: 094396

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(NMR)	95-100 (%)	98.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure
Appearance(D282691)	yellow to brownish-red to dark green solid	yellow to brownish-red to dark green solid



John Su
QA & QC Manager