

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-05 14:34:26

Date of Next Testing: 2028-01-05 14:34:26

Product Name: **RuCl₂[(R)-DM-BINAP][(R,R)-DPEN]**

CAS Number: 220114-38-5

Specifications & Purity: ≥95%

Lot #: G2020162

SKU # **R138507**

Version **0**

Analysis #: **612121**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.10000 %
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager