

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-06 11:50:04

Date of Next Testing: 2028-02-06 11:50:04

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

CAS Number: 220114-38-5

Specifications & Purity: ≥95%

Lot #: G2020163

SKU # **R138507**

Version **0**

Analysis #: **649183**

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

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.07880 %
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager