

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 11:00:49

Date of Next Testing: 2027-12-14 11:00:49

Product Name: **Grubbs Catalyst**

CAS Number: 172222-30-9

Specifications & Purity: Ru 12.3%

Lot #: E2207115

SKU #: **G113747**

Version: **2**

Analysis #: **624163**

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

Parameter	Limit Values	Result
Ruthenium (Ru)	11.4-12.8 (%)	11.78 %
Appearance (G113747)	Purple to Purple-red crystalline powder	Purple to Purple-red crystalline powder
31P NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager