

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-23 16:02:15

Date of Next Testing: 2026-09-22 16:02:15

Product Name: **Grubbs Catalyst, 2nd Generation**

CAS Number: 246047-72-3

Specifications & Purity:

Lot #: I2216261

SKU #: **G120500**

Analysis: **114611**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	61.2-69 (%)	64.93 %
Nitrogen by Elemental Analysis	3.1-3.5 (%)	3.30 %
Appearance (G120500)	Dark red to brown crystals or powder	Dark red to brown crystals or powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager