

Certificate of Analysis

Date of Testing: 2023-03-30 15:13:42

Date of Next Testing: 2027-03-29 15:13:42

Product Name: Grubbs Catalyst® M202为 Dichloro[1,3-bis(2,4,6-trimethylphenyl)-2-imidazolidinylidene](3-phenyl-1H-inden-1-ylidene) (tricyclohexylphosphine)ruthenium(II)

CAS Number: 536724-67-1

Specifications & Purity: 98%

Lot #: C23181124

SKU #: G283974

Analysis: 190542

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	65.63-71.09 (%)	67.70 %
Appearance(G283974)	Brown to Very Dark Brown and Red to Very Very Dark Red and Red-Brown and Very Dark Red-Brown Powder or Crystals	Brown to Very Dark Brown and Red to Very Very Dark Red and Red-Brown and Very Dark Red-Brown Powder or Crystals
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
Infrared spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager