

Certificate of Analysis

Date of Testing: 2022-12-13 17:10:04
Date of Next Testing: 2026-12-12 17:10:04
Product Name: **Dichloro(mesitylene)ruthenium dimer**
CAS Number: 52462-31-4
Specifications & Purity: $\geq 95\%$
Lot #: D1520015
SKU #: **D124686**
Analysis: 167456
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	34.8-39.2 (%)	35.28 %
Purity(HPLC)	95-100 (%)	95.25000 %
Chlorine(Titration by AgNO ₃ , After Oxygen Combustion)	22.9-25.7 (%)	23.68 %
Appearance (D124686)	Red to brown crystals or powder	Red to brown crystals or powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager