

Certificate of Analysis

Date of Testing: 2025-02-06 11:20:45

Date of Next Testing: 2027-02-06 11:20:45

Product Name: **Diacetato[(S)-(-)-2,2'-bis(diphenylphosphino)-1,1'-binaphthyl]ruthenium(II)**

CAS Number: 261948-85-0

Specifications & Purity: $\geq 98\%$

Lot #: D23211369

SKU #: **D294390**

Version: **1**

Analysis #: **466054**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	67-71.19 (%)	67.00 %
Appearance(D294390)	Light yellow to Yellow to Brown to Amber to Dark green powder to crystal	Light yellow to Yellow to Brown to Amber to Dark green powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
ICP: Confirms	Confirmed	Confirmed
Ruthenium Component		



John Su
QA & QC Manager