

Certificate of Analysis

Date of Testing: 2025-08-08 09:24:29

Date of Next Testing: 2027-08-08 09:24:29

Product Name: [(S)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl]ruthenium(II) Dichloride

CAS Number: 134524-84-8

Specifications & Purity: $\geq 97\%$

Lot #: A2205525

SKU #: S138169

Version: 2

Analysis #: 551371

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.5-70.5 (%)	65.80 %
Assay(HPLC)	97-100 (%)	98.00 %
Appearance (S138169)	yellow powder	yellow powder
ICP: Confirms Ru Component	Confirmed	Confirmed
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager