

Certificate of Analysis

Compound Information

Product Name:	[1,1'-Bis(diphenylphosphino)ferrocene]dichloropalladium(II)
Cat. No.:	1040829
CAS No.:	72287-26-4
Molecular Formula:	C ₃₄ H ₂₈ Cl ₂ FeP ₂ Pd
Molecular Weight:	731.70
Chemical Structure:	



Batch Information

Batch No.:	L333875
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2024-01-16
Retest Date:	2027-01-15
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	Orange to red (Solid)	Orange (Powder)
¹ H NMR Spectrum:	Consistent with structure	Consistent with structure
Lead(Pb), ω/%:	≤0.005	Qualified
Assay, ω/%:	≥97	98.2
Nickel(Ni), ω/%:	≤0.005	Qualified
Copper(Cu), ω/%:	≤0.005	Qualified
Cadmium (Cd), ω/%:	≤0.005	Qualified
Chromium(Cr), ω/%:	≤0.005	Qualified
Iridium(Ir), ω/%:	≤0.005	Qualified
Platinum (Pt), ω/%:	≤0.005	Qualified
Gold(Au), ω/%:	≤0.005	Qualified
Rhodium(Rh), ω/%:	≤0.005	Qualified
Palladium (Pd), ω/%:	≥14.0	14.2
Total Impurity Metal, ω/%:	≤0.045	Qualified
Individual Impurity Content, ω/%:	≤0.005	Qualified

Conclusion:

The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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