

## Certificate of Analysis

Date of Testing: 2023-07-12 09:35:13  
Date of Next Testing: 2025-07-01 09:35:13  
Product Name: **Tetrakis(triphenylphosphine)palladium(0)**  
CAS Number: 14221-01-3  
Specifications & Purity: Pd  $\geq$ 8.9%  
Lot #: K1929224  
SKU #: **T111021**  
**Analysis:** **250355**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Palladium(Pd)	8.7-9.2 (%)	8.90 %
Carbon by Elemental Analysis	73.7-76 (%)	74.66 %
Purity(Chelometric Titration)	97-100 (%)	97.26 %
Solvent Content	0-1 (%)	0.60 %
Appearance (T111021)	Yellow to Green Powder or Crystals	Yellow to Green Powder or Crystals
ICP:Confirms Pd and P Components	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Trichloromethane	Pass	Pass



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