

## Certificate of Analysis

Date of Testing: 2023-05-05 13:42:11  
Date of Next Testing: 2025-04-24 13:42:11  
Product Name: **Tetrakis(triphenylphosphine)palladium(0)**  
CAS Number: 14221-01-3  
Specifications & Purity: Pd  $\geq$ 8.9%  
Lot #: G2103244  
SKU #: **T111021**  
**Analysis: 213064**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Palladium(Pd)	8.7-9.2 (%)	8.85 %
Carbon by Elemental Analysis	73.7-76 (%)	74.82 %
Purity(Chelometric Titration)	97-100 (%)	98.86 %
Solvent Content	0-1 (%)	0.36 %
Appearance (T111021)	Yellow to Green Powder or Crystals	Yellow to Green Powder or Crystals
ICP:Confirms Pd and P Components	Confirmed	Confirmed
Solubility in Trichloromethane	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager