



Product Specification

Chemical Name: CyJohnPhos Pd G4

CMI Product Code: 5181

CAS Number: N/A

Formula: C₃₈H₄₆NO₃PPdS

Formula Weight: 734.24 g/mol

Theoretical Pd %: 14.5%

PARAMETER	SPECIFICATION
Pd Assay	14.5 ± 1.0 %
Chemical Purity	≥ 90% (based on ¹ H and ³¹ P NMR)
Infrared Spectrum	Conforms to structure
¹ H NMR	Conforms to structure
³¹ P NMR	Conforms to structure
Residual Solvent	Contains up to 10% w/w residual solvent (Determined by ¹ H NMR)
Appearance	Off white to light yellow solid

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BEF

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA

Specification Revision Date: September 26th, 2021

Revision Level: 0

Colonial Metals warrants, that at the time of product release this product conformed to the information contained on this specification sheet. Purchaser must determine the suitability of the product for its particular use.