



Product Specification

Chemical Name: APhos Pd G4
CMI Product Code: 5183
CAS Number: N/A
Formula: C₃₀H₄₃N₂O₃PPdS
Formula Weight: 649.13 g/mol
Theoretical Pd %: 16.4%

PARAMETER	SPECIFICATION
Pd Assay	16.4 ± 1.0 %
Chemical Purity	≥ 95% (based on ¹ H and ³¹ P NMR)
Microanalysis	Carbon: 55.5 ± 2.8%
Infrared Spectrum	Conforms to structure
¹ H NMR	Conforms to structure
³¹ P NMR	Conforms to structure
Appearance	Beige to yellow to orange powder

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.