



Product Specification

Chemical Name: APhos Pd G2
CMI Product Code: 5147
CAS Number: 2169976-34-3
Formula: $C_{28}H_{38}ClN_2PPd$
Formula Weight: 575.46 g/mol
Theoretical Pd %: 18.5%

PARAMETER	SPECIFICATION
Pd Assay	$18.5 \pm 1.0 \%$
Chemical Purity	$\geq 98\%$ (based Carbon %)
Infrared Spectrum	Conforms to structure
1H NMR	Conforms to structure
^{31}P NMR	Conforms to structure
Microanalysis	$C = 58.44 \pm 1.17 \%$
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.