



Product Specification

Chemical Name: RuPhos Pd G4
CMI Product Code: 5176
CAS Number: 1599466-85-9
Formula: C₄₄H₅₈NO₅PPdS
Formula Weight: 850.39 g/mol
Theoretical Pd %: 12.5%

PARAMETER	SPECIFICATION
Pd Assay	12.5 ± 1.0 %
Chemical Purity	≥ 95% (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
Microanalysis	C% = 62.2 ± 3.3 %
Appearance	Off white to light yellow solid

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: B EF
Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: E A
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.