



Product Specification

Chemical Name: BINAP Pd G3
CMI Product Code: 5166
CAS Number: 2151915-22-7
Formula: C₅₇H₄₅NO₃P₂PdS
Formula Weight: 992.40 g/mol
Theoretical Pd %: 10.7%

PARAMETER	SPECIFICATION
Pd Assay	10.7 ± 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% = 69.0 ± 3.8 %
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.