



Product Specification

Chemical Name: P(o-tolyl)₃ Pd G2

CMI Product Code: 5149

CAS Number: 1416422-78-0

Formula: C₃₃H₃₁CINPPd

Formula Weight: 614.45 g/mol

Theoretical Pd %: 17.3%

PARAMETER

SPECIFICATION

Pd Assay

17.3 ± 1.0 %

Chemical Purity

≥ 96% (based Carbon %)

Infrared Spectrum

Conforms to structure

¹H NMR

Conforms to structure

³¹P NMR

Conforms to structure

Microanalysis

C = 64.5 ± 2.2 %

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.