



Product Specification

Chemical Name: [(Tricyclohexylphosphine)-2-(2'-aminobiphenyl)]palladium(II) methanesulfonate
PCy₃ Pd G3

CMI Product Code: 5161

CAS Number: 1445086-12-3

Formula: C₃₁H₄₆NO₃PPdS

Formula Weight: 650.16 g/mol

Theoretical Pd %: 16.4 %

| PARAMETER | SPECIFICATION |
|---------------------|----------------------------|
| Pd Assay | 16.4 ± 1.0 % |
| Chemical Purity | ≥ 97% (based on Carbon %) |
| Microanalysis | Carbon: 57.3 ± 1.7 % |
| Infrared Spectrum | Conforms to structure |
| ¹ H NMR | Conforms to structure |
| ³¹ P NMR | Conforms to structure |
| Appearance | White to light grey 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.

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