



Product Specification

Chemical Name: (2-Dicyclohexylphosphino-2',6'-dimethoxy-1,1'-biphenyl)[2-(2-aminoethylphenyl)]palladium(II) chloride - methyl-t-butyl ether adduct

SPhos Pd G1 MTBE Adduct

CMI Product Code: 5143

CAS Number: 1028206-58-7

Formula: $C_{34}H_{45}ClNO_2PPd \cdot CH_3OC_4H_9$

Formula Weight: 760.72 g/mol

Theoretical Pd %: 14.0 %

PARAMETER	SPECIFICATION
Pd Assay	14.0 ± 1.0 %
Chemical Purity	≥ 95% (based on NMR)
Infrared Spectrum	Conforms to structure
¹ H NMR	Conforms to structure
³¹ P NMR	Conforms to structure
Appearance	White to beige 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.