



Product Specification

Chemical Name: (η^5 -2,4-cyclopentadien-1-yl)[(1,2,3- η)-1-phenyl-2-propenyl]palladium(II)

CMI Product Code: 5114

CAS Number: 105333-10-6

Formula: C₁₄H₁₄Pd

Formula Weight: 288.68 g/mol

Theoretical Pd%: 36.9 %

PARAMETER	SPECIFICATION
Pd Assay	36.9 ± 1.0 %
Chemical Purity	≥ 99% (based on Carbon %)
Microanalysis	Carbon: 58.3 ± 0.6 %
Infrared Spectrum	Conforms to structure
Appearance	Purple to dark red 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: July 22nd, 2023
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.