



Product Specification

Chemical Name: Dichloro[9,9-dimethyl-4,5 bis(diphenylphosphino)-xanthene]palladium(II)
"XantPhos PdCl₂"

CMI Product Code: 5142

CAS Number: 205319-10-4

Formula: C₃₉H₃₂Cl₂OP₂Pd

Formula Weight: 755.94 g/mol

Theoretical Pd %: 14.1%

PARAMETER	SPECIFICATION
Pd Assay	14.1 ± 1.0%
Chemical Purity	≥ 97% (based on Carbon %)
Microanalysis	Carbon: 61.97 ± 1.9% Hydrogen: 4.27 ± 0.6%
Infrared Spectrum	Conforms to structure
Appearance	Yellow solid

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BFF
Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA
Specification Revision Date: March 10th, 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.