



Product Specification

Chemical Name: (2'-Methylamino-1,1'-biphenyl-2-yl)methanesulfonatopalladium(II) dimer

Pd OMs G4 Dimer

CMI Product Code: 5174

CAS Number: 1581285-85-9

Formula: $C_{28}H_{30}N_2O_6Pd_2S_2$

Formula Weight: 767.52 g/mol

Theoretical Pd %: 27.7%

PARAMETER	SPECIFICATION
Pd Assay	$27.7 \pm 1.0 \%$
Chemical Purity	$\geq 98\%$ (based on C%)
Microanalysis	Carbon: $43.8 \pm 0.9\%$
Infrared Spectrum	Conforms to structure
1H NMR	Conforms to structure
Appearance	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.

Colonial Metals, Inc. 505 Blue Ball Rd. Bldg. 20 Triumph Industrial Park Elkton, MD 21921 USA
Website: www.colonialmetals.com, Telephone: (410)-398-7200, Facsimile: (410) 398-2918