



## Product Specification

**Chemical Name:** CataCXium A Pd G4

**CMI Product Code:** 5999

**CAS Number:** 2230788-67-5

**Formula:** C<sub>38</sub>H<sub>54</sub>NO<sub>3</sub>PPdS

**Formula Weight:** 742.30 g/mol

**Theoretical Pd %:** 14.3 %

PARAMETER	SPECIFICATION
Pd Assay	14.3 ± 1.0 %
Chemical Purity	≥ 95% (based on Carbon %)
Infrared Spectrum	Conforms to structure
<sup>1</sup> H NMR	Conforms to structure
<sup>31</sup> P NMR	Conforms to structure
Microanalysis	C = 61.5 ± 3.1 %
Residual Solvent	May contain up to 3% w/w solvent
Appearance	Off-white to tan 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:** December 12<sup>th</sup>, 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.