



Product Specification

Chemical Name: Palladium cinnamyl chloride dimer

CMI Product Code: 5133

CAS Number: 12131-44-1

Formula: $C_{18}H_{18}Cl_2Pd_2$

Formula Weight: 518.08 g/mol

Theoretical Pd %: 41.1%

PARAMETER

SPECIFICATION

Pd Assay

$41.1 \pm 1.0 \%$

Chemical Purity

$\geq 98\%$ (based on Carbon %)

Infrared Spectrum

Conforms to structure

Microanalysis

C% = $41.7 \pm 0.8 \%$

Appearance

Orange to orange-yellow solid

Reviewing Chemist: Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BEE

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.