



Product Specification

Chemical Name: Palladium (II) propionate

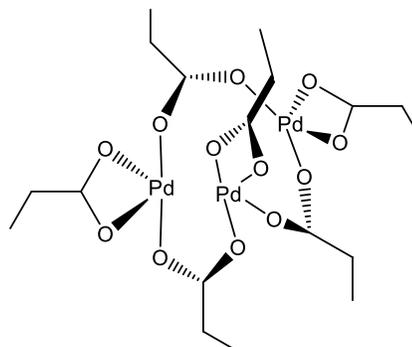
CMI Product Code: 5047

CAS Number: 53954-17-9

Formula: Pd(O₂CC₂H₅)₂

Formula Weight: 757.68 g/mol

Theoretical Pd %: 42.1%



PARAMETER

SPECIFICATION

Pd Assay	42.1 ± 1.1%
Chemical Purity	≥ 97.5% (based on carbon %)
Microanalysis	Carbon: 28.54 ± 0.7% Hydrogen: 3.99 ± 0.6%
Melting Point	154-156 °C
Infrared Spectrum	Conforms to structure
Appearance	Tan microcrystalline solid
Storage	Store in a tightly closed container in a cool, dry place.

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: October 8th, 2014

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.