



Product Specification

Chemical Name: 1,2-bisdiphenylphosphinoethane Palladium(II)Diacetate

CMI Product Code: 5083

CAS Number: Unknown

Formula: $[\text{Pd}((\text{C}_{14}\text{H}_{14}\text{P}_2))](\text{O}_2\text{C}_2\text{H}_3)_2$

Formula Weight: 468.74 g/mol

Theoretical % Pd: 22.7%

PARAMETER

SPECIFICATION

Pd Assay

$22.7 \pm 0.8\%$

Chemical Purity

> 98.0% (based on Carbon %)

Microanalysis

:

Carbon: $46.1 \pm 0.9\%$

Hydrogen: $4.3 \pm 0.5\%$

Infrared Spectrum

Conforms to Structure

Storage

Store in a tightly closed container in a cool, dry place

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

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: E A

Specification Revision Date: February 19th, 2016

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.

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