



Product Specification

Chemical Name: *cis*-Dimethyl(N,N,N',N'-tetramethylethylenediamine)palladium(II)

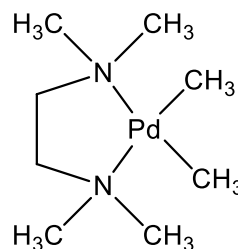
CMI Product Code: 5118

CAS Number: 113822-11-0

Formula: C₈H₂₂N₂Pd

Formula Weight: 252.69 g/mol

Theoretical Pd %: 42.1%



PARAMETER

SPECIFICATION

Pd Assay

42.1 ± 0.7%

Chemical Purity

≥ 98% (based on carbon %)

Microanalysis

Carbon: 38.03 ± 0.6%

Nitrogen: 11.08 ± 0.6%

Infrared Spectrum

Conforms to structure

Appearance

Off-white to tan crystalline solid

Storage

Store < -20°C in amber glass under inert atmosphere

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: January 23rd, 2021

Revision Level: 1

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.