



Product Specification

Chemical Name: Tetrakis(triphenylphosphine)platinum(0)

CMI Product Code: 6085

CAS Number: 14221-02-4

Formula: $\text{Pt}[\text{P}(\text{C}_6\text{H}_5)_3]_4$

Formula Weight: 1244.21 g/mol

Theoretical Pt %: 15.7%

PARAMETER	SPECIFICATION
Pt Assay	15.7 ± 0.6%
Chemical Purity	≥ 96% (based on Carbon %)
Microanalysis	Carbon: 69.5 ± 2.8% Hydrogen: 4.9 ± 0.6%
Infrared Spectrum	Conforms to structure
Appearance	Yellow solid
Storage	Store < -20°C in amber glass under inert atmosphere

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: April 11th, 2019

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.