



Product Specification

Chemical Name: Methyl(triphenylphosphine)gold(I)

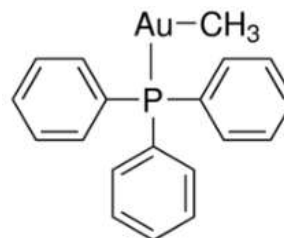
CMI Product Code: 2047

CAS Number: 23108-72-7

Formula: C₁₉H₁₈AuP

Formula Weight: 474.29 g/mol

Theoretical Au%: 41.53%



PARAMETER

SPECIFICATION

Au Assay

41.53 ± 0.4%

Chemical Purity

≥ 99% (based on carbon %)

Microanalysis

Carbon: 48.11 ± 0.5%
Hydrogen: 3.83 ± 0.3%

Infrared Spectrum

Conforms to structure

Appearance

White to off-white crystalline solid

Storage

Store cold in a tightly sealed container.
Recommended storage temperature 2 - 8°C

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, 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.