



Product Specification

Chemical Name: Tris(triphenylphosphinegold)oxonium tetrafluoroborate

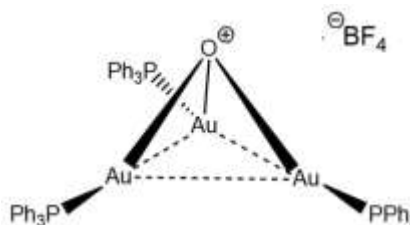
CMI Product Code: 2040

CAS Number: 53317-87-6

Formula: $[(C_{18}H_{15}PAu)_3O]BF_4$

Formula Weight: 1480.56 g/mol

Theoretical Au%: 39.91%



PARAMETER

SPECIFICATION

Au Assay	39.91 ± 0.8%
Chemical Purity	≥ 99% (based on carbon %)
Microanalysis	Carbon: 43.8 ± 0.5%
Infrared Spectrum	Conforms to structure
Appearance	White crystalline powder
Storage	Air and moisture sensitive. 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.