



Product Specification

Chemical Name: Chloro(trimethylphosphine)gold(I)

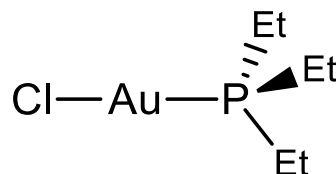
CMI Product Code: 2022

CAS Number: 15529-90-5

Formula: AuCl(P(C₂H₅)₃)

Formula Weight: 350.57 g/mol

Theoretical Au%: 56.2%



PARAMETER

SPECIFICATION

Chemical Purity	> 98.5% (based on carbon %)
Au Assay	56.2 ± 0.6%
Microanalysis	Carbon: 20.56 ± 0.6% Hydrogen: 4.31 ± 0.6%
Infrared Spectrum	Conforms to structure
Appearance	White crystalline solid
Storage	Store < -20°C in amber glass under an 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: October 8th, 2014

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.