



Product Specification

Chemical Name: Chloro(trimethylphosphine)gold(I)

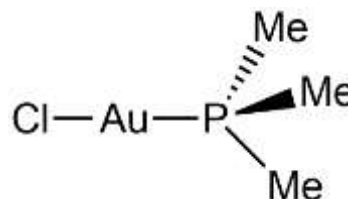
CMI Product Code: 2039

CAS Number: 15278-97-4

Formula: AuCl(P(CH₃)₃)

Formula Weight: 308.5 g/mol

Theoretical Au%: 63.85%



PARAMETER

SPECIFICATION

Au Assay

63.85 ± 0.6%

Chemical Purity

≥ 98% (based on assay)

Microanalysis

Carbon: 11.68 ± 0.6%
Hydrogen: 2.94 ± 0.4%

Infrared Spectrum

Conforms to structure

Appearance

White to off-white powder

Storage

Light sensitive. Store in a tightly sealed opaque container in a cool, dry place.

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.