



Product Specification

Chemical Name: Chloro[2-di-tert-butyl(2',4',6'-triisopropylbiphenyl)phosphine] gold(I)

AuCl('BuXPhos)

CMI Product Code: 2020

CAS Number: 1312108-97-6

Formula: C₂₉H₄₅AuCIP

Formula Weight: 657.07 g/mol

Theoretical Au%: 30.0%

PARAMETER	SPECIFICATION
Au Assay	30.0 ± 1.0 %
Chemical Purity	≥ 98% (based on Carbon %)
Infrared Spectrum	Conforms to structure
Microanalysis	Carbon: 53.0 ± 1.0%
Appearance	Off-white solid

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: September 26th, 2021

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.

Colonial Metals, Inc. 505 Blue Ball Rd. Bldg. 20 Triumph Industrial Park Elkton, MD 21921 USA
Website: www.colonialmetals.com, Telephone: (410)-398-7200, Facsimile: (410) 398-2918