



Product Specification

Chemical Name: Chloro(carbonyl)gold(I)

CMI Product Code: 2046

CAS Number: 50960-82-2

Formula: AuCl(CO)

Formula Weight: 260.43 g/mol

Theoretical Au%: 75.6%

PARAMETER

SPECIFICATION

Au Assay

75.6 ± 1.0%

Chemical Purity

≥ 98.5% (based on assay)

Infrared Spectrum

Conforms to structure

Appearance

Off-white to light yellow-brown powder

Storage

Air, light and moisture sensitive. Store cold in a tightly sealed container under inert gas. Recommended storage temperature -20°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.