



Product Specification

Chemical Name: Potassium gold(I) cyanide ["Potassium dicyanoaurate(I)"]

CMI Product Code: 2017

CAS Number: 13967-50-5

Formula: KAu(CN)₂

Formula Weight: 288.1 g/mol

Theoretical Au%: 68.4%

PARAMETER

SPECIFICATION

Au Assay

68.4 ± 0.4%

Chemical Purity

≥ 99.9% (metals basis)

Microanalysis

Carbon: 8.3 ± 0.2%

Nitrogen: 9.7 ± 0.3%

Appearance

White crystal

Storage

Store in a tightly sealed bottle in a cool dry location.

Reviewing Chemist: Tyler Bazzoli, Lead Chemist: TB

Specification Approval: Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA

Specification Revision Date: February 29th, 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.