



**Product Specifications: Potassium dicyanoaurate(I) #2017**

Chemical Name:  
Potassium dicyanoaurate(I)

CMI Product Code:	2017	
CAS Number:	554-07-4	
Formula:	$\text{KAu}(\text{CN})_2$	$\text{K} \left[ \text{NC} - \text{Au} - \text{CN} \right]^-$
Formula Weight:	288.10 g/mol	
Theoretical % Au:	68.4	

PARAMETER	SPECIFICATION
Chemical Purity	> 98%
Appearance	colorless crystalline solid
Au assay	$68.4 \pm 1.7\%$
Microanalysis	$8.34 \pm 0.3\% \text{ C}$ $9.72 \pm 0.3\% \text{ N}$
Infrared Spectrum	conforms to structure
Storage:	Store in a tightly closed container in a cool dry place.

Reviewing Chemist: Peter B. Kettler, Ph.D. Technical Director  
Specification Date: 15 October 2012

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.