

Precious Metal Sales, Inc.

100 New Wood Road
Watertown, CT 06795

Phone: 860-274-8813 * Fax: 860-274-8815

Email: here4u@pmsalesinc.com

www.pmsalesinc.com

PRODUCT DATA SHEET

Gold(I) potassium cyanide

$K[Au(CN)_2]$

CHEMICAL/PHYSICAL CHARACTERISTICS

Chemical name	Potassium dicyanoaurate(I)
Chemical formula	$K[Au(CN)_2]$
CAS number	13967-50-5
Theoretical metal content	68.30 % Au
Solubility	260 g/L (in water at 20 °C)

CHEMICAL/PHYSICAL ANALYSIS

Element	Unit	Specification	Analytical procedure
Appearance	-	white salt	Visual analysis

IMPURITIES per kilogramme salt

Element	Unit	Spec.	Element	Unit	Spec.	Element	Unit	Spec.
Ag	mg/kg	≤14	As	mg/kg	≤5	Ni	mg/kg	≤5
Pt	mg/kg	≤10	Cd	mg/kg	≤5	Pb	mg/kg	≤5
Pd	mg/kg	≤10	Co	mg/kg	≤5	Sb	mg/kg	≤5
Ir	mg/kg	≤10	Cu	mg/kg	≤5	Sn	mg/kg	≤5
Ru	mg/kg	≤10	Fe	mg/kg	≤15	Tl	mg/kg	≤5
Rh	mg/kg	≤10	Na	mg/kg	≤300	Zn	mg/kg	≤5

IDENTIFICATION

When ordering reference should be made to the following:

Product		Pack size	Code	SAP	MSDS
Gold(I) potassium cyanide	$K[Au(CN)_2]$	1 toz Au 5 toz Au			123

Version: 3.0		Validated: 08.10.2013 Author: Steve Daniels
--------------	--	--