

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.
Ag	mg/kg	≤ 14
Pt	mg/kg	≤ 10
Pd	mg/kg	≤ 10
Ir	mg/kg	≤ 10
Ru	mg/kg	≤ 10
Rh	mg/kg	≤ 10

Element	Unit	Spec.
As	mg/kg	≤ 5
Cd	mg/kg	≤ 5
Co	mg/kg	≤ 5
Cu	mg/kg	≤ 5
RuFe	mg/kg	≤ 15
Na	mg/kg	≤ 300

Element	Unit	Spec.
Ni	mg/kg	≤ 5
Pb	mg/kg	≤ 5
Sb	mg/kg	≤ 5
Sn	mg/kg	≤ 5
Tl	mg/kg	≤ 5
Zn	mg/kg	≤ 5