

**Gold (III) potassium cyanide**



**CHEMICAL/PHYSICAL CHARACTERISTICS**

Chemical name	Potassium tetrakis(cyan-C)aurate
Chemical formula	K[Au(CN) <sub>4</sub> ]
Theoretical metal content	57.9%
CAS number	14263-59-3
Solubility (water at 20 °C)	200 g/l

Elements	Unit	Specification	Analytical procedure
Au	%	≥ 57.7	Electrolysis
Na	ppm	≤ 8	Emission spectrometry
Ca	ppm	≤ 4	Emission spectrometry
Fe, Sn, Si	ppm	≤ 3	Emission spectrometry
Cr, Mg, Ni, Pb	ppm	≤ 3	Emission spectrometry
Ag, Al, Cu, Zn	ppm	≤ 1	Emission spectrometry
Au <sup>+</sup> (4 g salt/50 ml)		clear solution	in H2SO4, at pH 1

**IDENTIFICATION**

When ordering reference should be made to the following:

Product		Pack size	Code	SAP Code	MSDS
Gold (III) potassium cyanide	K[Au(CN) <sub>4</sub> ]	100 g Au	SEAU35	200004169	classified 6.1 T1 I
		100 g Salt	SEAU44	400005028	
		1 kg Salt	SEAU45	200004168	
		500 g Au	SEAU46	200004174	

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