

CERTIFICATE OF ANALYSIS

Product Name:	Potassium dicyanoaurate	Batch No.	JL20240319
Cas	13967-50-5	MF Date	MAR.19,2024
Packing	100g/bottle	Analysis Date	MAR.19,2024
Quantity	500kg	Expiry Date	MAR.18,2025
ITEM	STANDARD	RESULT	
Appearance	White crystalline powder with no visible foreign particles	White crystalline powder with no visible foreign particles	
Metallic purity of Gold	$\geq 99.95\%$	99.98%	
Solubility in water	22.0g in 100ml(20°C)	Passed	
Gold content	68.3+0.1%by weight	68.28%	
Metallic impurities	Ag	<15ppm	6ppm
	Zn	<5ppm	2ppm
	Pb	<5ppm	1ppm
	Fe	<10ppm	2ppm
	Cu	<5ppm	1ppm
	Ni	<5ppm	<2ppm
	Co	<5ppm	<1ppm
	Na	<200ppm	98ppm
	Cr	<10ppm	Not detected
Insoluble constituent	Maximum insoluble solid <0.1% by weight	No insoluble solid found	
Solution stability	A10%W/V solution in water will remain clear when buffered at PH3.5 with potassium hydrogen phthalate	Solution remains clear	

Moisture content	Maximum weight loss on drying at 105°C is 0.25%	Passed
Conclusion	Qualified	



Analyst: *Wen Qian*

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Unilong Industry