

Laboratory	The Infinium Assay Office, Infinium Precious Resources Limited, Block C, BTRA, L.B.S. Road, Ghatkoper (W), Mumbai, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	18.09.2014
Certificate Number	T-3126	Valid Until	17.09.2016
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. METALS AND ALLOYS				
1.	Impure Silver	Silver	IS 2113:2002	1% to 99.9%
2.	Silver Pure (9990)	Silver	IS 2279:1980	99.5% to 99.95%
3.	Silver Pure (9995)	Silver	IS 2279:1980	99.90% to 99.98%
4.	Silver Pure (9999)	Silver	IS 2279 : 1980	99.90% to 99.99%
5.	Silver & Silver Alloys (80:20)	Silver	IS 2113:2002	79.80 % to 80.20%
6.	Silver Alloys (Quaternary Alloy)	Silver	IS 2113:2002	49.60% to 50.40%
7.	Silver Anodes	Silver	IS 1959:1994	99.90% to 99.99%
8.	Impure Gold	Gold	ASTM E 1335	40% to 99.9% %
9.	Pure Gold	Gold	ASTM E 1335	99.90 % to 99.99 %
II. INDUSTRIAL AND FINE CHEMICALS				
1.	Silver nitrate (AR – Grade)	Silver Nitrate	IS 2214 : 1977	99.8% to 99.99%
		Matter in soluble in water	IS 2214 : 1977	0.001% to 0.0035%
		Matter in soluble in Alcohol	IS 2214 : 1977	Qualitative
		Chlorides	IS 2318:1980	0.0001% to 0.0005%
		Sulphates	IS 2318:1980	0.0001% to 0.0007%

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2.	Silver Nitrate (LR- Grade)	Silver Nitrate	IS 2214:1977	99.60% to 99.80%
		Chlorides	IS 2214:1977	0.0005% to 0.0015%
		Sulphate	IS 2214:1977	0.015% to 0.025%
3.	Silver Nitrate (Photographic-Grade)	Silver	IS 2214:1977	99.60% to 99.80%
		Chlorides	IS 2318:1980	0.0005% to 0.0015%
		Sulphate	IS 2318:1980	0.015% to 0.025%
4.	Silver Oxide	Silver Oxide	IS 2449:1963	99.20% to 99.40%
5.	Silver Potassium Cyanide	Silver	IS 6267:1971	53.5% to 54.5%
			Matter insoluble in water	0.08% to 0.12%
6.	Palladium Chloride	Palladium	IS 9923:1981	58% to 60%
7.	Gold Potassium Cyanide	Gold	IS 5761 Part -1	67.8% to 68.3%
		Matter Insoluble in Water	IS 5761 Part -1	0.040% to 0.60%

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