



BANGALORE REFINERY

TYPICAL ANALYSIS REPORT OF GOLD POTASSIUM CYANIDE

% Gold Content 68.10%
(Laboratory)

% Moisture Content 0.09%

pH 7.0-7.2 as 1% solution in distilled water

SOLUBILITY IN SATURATED SOLUTION OF KCN :- 100% (NO SEDIMENT)

Permitted Impurity Level	
Elements	
Silver(Ag)	0.0048
Copper (Cu)	0.0004
Iron(Fe)	0.0005
Nickel(Ni)	0.0001
Cobalt(Co)	0.0004
Zinc(Zn)	0.0003
Lead(Pb)	0.0004
Sodium + Calcium + Magnesium + Aluminium,(Na + Ca + Mg + Al) = Total	0.0023
Arsenic + Antimony + Selenium + Tellurium+	0.0003
Bismuth (As +Sb+Se+Te+ Bi) = Total (0.001 of any individual impurity)	
Chromium(Cr)	0.0003
Silicon(Si)	0.0004
Tin(Sn)	0.0005