



## ELAUR ELECTROLESS GOLD PLATING SYSTEM

Our laboratory has developed a stable ELAUR Electroless Gold Plating Process for the electroless plating of pure gold on to various substrates. The system is particularly suited for the semi conductor industry, where it is being used since many years.

### Bath Composition

ELAUR - A (Source of Gold)	100 mL/L
ELAUR - B (Reducer)	100 mL/L
ELAUR - C (Complexer)	100 mL/L

### Bath parameters

Temperature	50°C to 60°C
pH range	4.0 to 5.0
Deposition time	20 to 50 sec., as per the customer's requirement
Replenishment	as per the consumption

ELAUR – A, ELAUR – B and ELAUR – C are added always in equal quantities. The pH can be adjusted with the ELAUR pH Raiser or the ELAUR pH Reducer. Agitation of the bath is recommended  
For recovery of gold from spent solution, please consult our Laboratory. The bath can also be used until the gold content is exhausted.

### Effluent treatment

The process is based on the gold potassium cyanide as a source of gold and cyanide as a complexing agent. Proper care must be taken while treating the waste solution to destroy free cyanide.

*Warranty: The above information has been given in good faith and based on our knowledge, information and experience. RRR has no control over the goods once it leaves our premises. All chemicals, including those which are not classified as hazardous, must be treated with proper care and all necessary*

*precautions for handling and disposing of chemicals must be followed. No liability arises out of handling or use.*

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*An ISO 9001:2008 certified company*