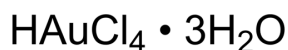


## Certificate of Analysis

**Product Name:** Gold(III) chloride trihydrate  
**Cat. No.:** CS-0144585  
**CAS No.:** 16961-25-4  
**Batch No.:** L461350  
**Chemical Name:** Aurate(1-), tetrachloro-, hydrogen, trihydrate, (SP-4-1)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:**  $\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$   
**Molecular Weight:** 393.83  
**Storage:** Store at room temperature, keep dry and cool  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Yellow to orange (Solid)  
**Au:** 47.81%  
**Ag:**  $\leq 0.001\%$   
**Cu:**  $\leq 0.001\%$   
**Fe:**  $\leq 0.001\%$   
**Pb:**  $\leq 0.001\%$   
**Sb:**  $\leq 0.001\%$   
**Pd:**  $\leq 0.001\%$   
**Mg:**  $\leq 0.001\%$   
**Sn:**  $\leq 0.001\%$   
**Cr:**  $\leq 0.0003\%$   
**Mn:**  $\leq 0.0003\%$   
**Total impurity content:**  $\leq 0.0096\%$   
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA