

## Certificate of Analysis

Date of Testing: 2022-06-23 18:23:00  
Date of Next Testing: 2026-06-22 18:23:00  
Product Name: **Gold chloride trihydrate**  
CAS Number: 16961-25-4  
Specifications & Purity:  $\geq 99.9\%$  trace metals basis  
Lot #: F2209137  
SKU #: **G141105**  
**Analysis:** **105721**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99%
Insoluble matter in H <sub>2</sub> O	0-0.1 (%)	0.00%
Gold(Au)	48.5-50.25 (%)	50.03%
Total Metallic Impurities	0-1000 (ppm)	134.00 ppm
Appearance (G141105)	Orange Powder, Crystals and/or Chunks	Orange Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager