

## Certificate of Analysis

Date of Testing: 2023-08-28 15:12:18  
Date of Next Testing: 2027-08-27 15:12:18  
Product Name: **Gold chloride trihydrate**  
CAS Number: 16961-25-4  
Specifications & Purity:  $\geq 99.9\%$  trace metals basis  
Lot #: H2324542  
SKU #: **G141105**  
**Analysis:** **263193**  
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 (%)                          | 99.97 %                               |
| Insoluble matter in H <sub>2</sub> O   | 0-0.1 (%)                             | 0.00 %                                |
| Total Metallic Impuritie               | 0-1000 (ppm)                          | 261.00 ppm                            |
| Gold(Au)                               | 48.5-50.25 (%)                        | 48.51 %                               |
| 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