

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-24 13:23:43

Date of Next Testing: 2029-04-23 13:23:43

Product Name: **Gold chloride trihydrate**

CAS Number: 16961-25-4

Specifications & Purity:  $\geq 99.9\%$  metals basis

Lot #: D2523169

SKU #: **G141105**

Version: **0**

Analysis #: **497980**

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 (%)                          | 99.99370 %                            |
| Insoluble matter in H <sub>2</sub> O   | 0-0.1 (%)                             | 0.00000 %                             |
| Total Metallic Impurities              | 0-1000 (ppm)                          | 63.00000 ppm                          |
| Gold(Au)                               | 48.5-50.25 (%)                        | 50.21000 %                            |
| 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