

NANOPARTZ™

The gold nanoparticle for nanotechnology

Certificate of Analysis

| | | | | |
|-----------------------|---------------------------------------|--------------|-----------------------|-------------------|
| Product Family | Gold(III) Chloride Trihydrate | | | |
| Other Names | Tetrachloroauric(III) Acid Trihydrate | | | |
| Product Details | >99.9% Trace Metals Basis | | | |
| Product Number | G-G3CT-ACS-25 | | | |
| Lot # | A9H03 | | | |
| CAS Number | 16961-25-4 | | | |
| Formula | HAuCl ₄ ·3H ₂ O | | | |
| Formula Weight | g/mole | 393.83 | | |
| Appearance | Color | measured | Visual | Yellow to Orange |
| Appearance | Form | measured | Visual | Crystal or Powder |
| Component | | measured | ICP | Au |
| Au Composition | | measured | Gravimetric | 48.5-50.25% |
| Insoluble Matter | Ether | measured | Gravimetric | <=0.1% |
| Trace Metals Analysis | ppm | measured | Assay | <=10000.0 |
| ICP Major Analysis | | measured | ICP | Gold Confirmed |
| Purity | | measured | Trace Metals Analysis | >=99.9% |
| Storage | | manufactured | | Inert Nitrogen |
| Amount | g | measured | Scale | 25 |
| Date | 8/9/2017 | | | |
| Exp Date | 2/5/2018 | | | |

Alex Schoen, Manager Quality Control

