

**NS6130-01-163**

## Quick Facts

Product	:	Gold Nanoparticles
Stock No	:	NS6130-01-163
CAS	:	7440-57-5
Molecular Formula	:	Au
Form	:	Powder

# GOLD

## Nanoparticles

**Purity**  
99.9%

### Technical Specification

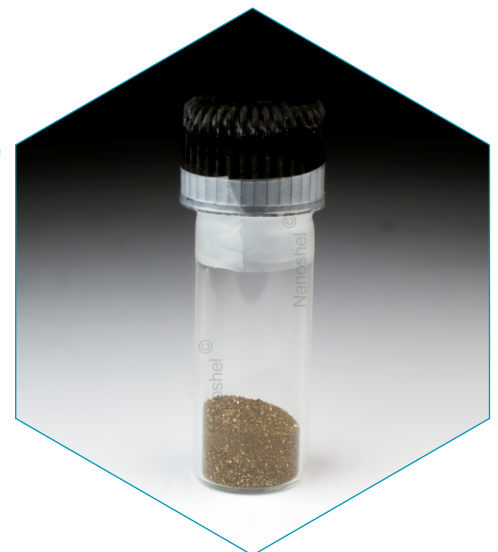
Molecular Weight	Density	Melting Point	APS
196.966 g/mol	19.30 g/cm <sup>3</sup>	1064.18 °C	40-80nm

Gold is a chemical element with the symbol Au (from Latin: aurum) and atomic number 79, making it one of the higher atomic number elements that occur naturally. Gold nanopowder is intercalated within a polymer matrix lower the effective conjugation length of the polymer, resulting in a blue shift in the adsorption. It also finds application in plasmonics, electronics and optical applications. Gold Nanopowder, widely use in high technology applications such as sensory probes, electronic conductors, therapeutic agents, organic photovoltaics, drug delivery in biological and medical applications, and catalysis.

## Application

- ✓ Sensory probes
- ✓ Electronic conductors
- ✓ Therapeutic agents
- ✓ Organic photovoltaics
- ✓ Drug delivery in biological and medical applications
- ✓ Catalysis

**Au**  
APS 40-80nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

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