

**NS6130-01-108**

## Quick Facts

Product	:	Gold Nanoparticles
Stock No	:	NS6130-01-108
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	18.908 g/cm <sup>3</sup>	1064 °C	50-100nm

Gold is a chemical element with symbol Au and atomic number 79. Gold nanoparticles/nanopowder are used as catalysts in several chemical reactions. The surface of a gold nanoparticle/nanopowder can be used for selective oxidation or in certain cases the surface can reduce a reaction. Gold nanoparticles/nanopowder are being developed for fuel cell applications. These technologies would be useful in the automotive and display industry. Gold nanoparticles have attracted great interests in the fields of biological and medical applications in past few years. Comparing with quantum dots and other materials, gold nanoparticles have been investigated and utilized in several biotechnology applications, such as sensory probes, drug delivery, and therapy techniques.

# Au

APS 50-100nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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CERTIFIED COMPANY

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