

# Product Data Sheet

**(3N) 99.9% Gold Nanoparticles, Carboxylic Acid Functionalized**

**Product Code: AU-M-03-NP.COOHF**

**Formula:** Au

**CAS No.:** 7440-57-5

**EC No.:** 231-165-9

**MDL:** MFCD00003436

## Chemical Identifiers

<b>Linear Formula</b>	Au
<b>MDL Number</b>	MFCD00003436
<b>EC No.</b>	231-165-9
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	23985
<b>SMILES</b>	[Au]
<b>Inchl Identifier</b>	InChI=1S/Au
<b>Inchl Key</b>	PCHJSUWPFVWCPO-UHFFFAOYSA-N

**Total Metal Impurities:** 0.1% max.

## Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

### Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.  
**AMERICAN ELEMENTS** | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024  
TEL. 310-208-0551 | FAX 310-208-0351 | customerservice@americanelements.com