

TECHNICAL DATA SHEET

NANOCS™ Gold Nanoparticles, Spherical

Catalog Numbers: GP01-2,3,5,10,15,20,30,40,50,60,80,100,150,200-XX

Synonym: Gold Particles, Colloidal Gold, Spherical Gold Particles, Gold Nanobeads, Gold beads

Description:

Nanocs' spherical **gold nanoparticles** are monodispersed gold nanoparticles with narrow size distribution

(<15%).

These particles were made from chemical reduction in de-ionized water solution. A number of surface coated

Gold nanoparticle

products have been developed by

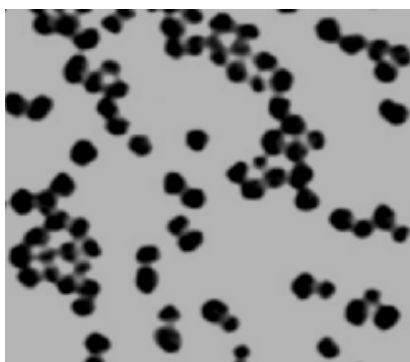
Nanocs to provide

superior stability and multifunctionalities. These

functionalized **gold particles** are useful for generating

various gold nanoparticle probes to detect various

biomolecules in SEM, TEM, light microscopy and blotting.



Particle Concentration:

Particle Size (nm)	Concentration (mg/mL)	Particles/mL
2	0.1	1.5x10 ¹⁴
3	0.1	1.2x10 ¹⁴
5	0.1	5.0x10 ¹³
10	0.1	5.7x10 ¹²
15	0.1	1.4x10 ¹²
20	0.1	7.0x10 ¹¹
30	0.1	2.0x10 ¹¹
40	0.1	9.0x10 ¹⁰
50	0.1	4.5x10 ¹⁰
80	0.1	2.6x10 ¹⁰
100	0.1	1.1x10 ¹⁰
150	0.1	5.6x10 ⁹
200	0.1	1.7x10 ⁹

Product Specifications:

- Appearance: Red, purple red or orange liquid depends on size;
- Composition: Spherical gold nanoparticles in de-ionized water with small amount of citrate;
- Particle size: 2~200 nm as labeled;
- Concentration: 0.1 mg/mL (0.01% v/w) based on gold;

Storage Conditions:

Gold Nanoparticles should be stored at 2~8 °C for best use.

This product is for research use only and is not intended for use in humans or for diagnostic use.

To Order:

Order online: www.nanocs.net

Order by Email: sales@nanocs.com

Order by phone: 1(800) 388-4221; 1(888) 908-8803

For more information, visit www.nanocs.net