

Catalog #79-0104 Water Soluble Gold Nanoparticles [AuNP: 6-30 nm (gum Arabic)]

Properties: Water soluble, stable at pH 7.0

Size: 4-12 nm, 6-30 or 16-20 nm

Color: Maroon-Red

UV-Vis (nm): 530 nm to 540 nm

Shape: Sphere

Stability: Stable for 90 days in aqueous media.

- Supplied in aqueous solutions . Contains gum arabic stabilizer.
- Stable towards cysteine, Bovine serum albumin or Human serum albumin.
- No agglomeration in 25 % NaCl solution.
- Suitable for in vitro use and sensor design applications.

References:

1. *Small*, **2007**, 2, 333.
2. *Appl. Phys. Lett.*, **2006**, 88, 153114.
3. *J. Am. Chem. Soc.*, **2006**, 128, 11342.