

GOLDSOL™

Goldsol, Inc is a metals nano technology development company whose mission is to develop and produce unique nano gold, silver, copper and other nano metals that can be applied to the production of a broad range of useful materials and devices. By applying our innovative technology to fields such as flexible electronics, displays, energy harvesting, and diagnostics, we can offer competitive advantages through lower cost, higher throughput and larger area production.

We believe the colloidal dispersions of our products are the most stable and concentrated available

Au-N Gold Nanoparticles

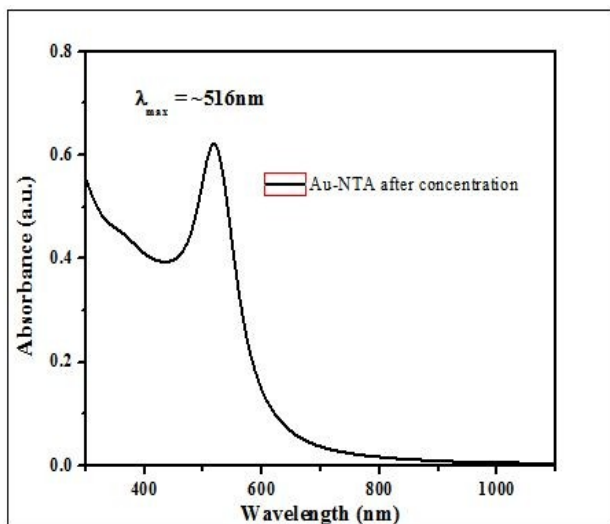
Au-N is a novel highly dispersed uniform gold nanoparticle formulation supplied as a electrostatically stabilized dispersion. Au-N can be formulated in concentrations of up to 2.0 wt.% in water and supplied with or without a functionalized coating.

These nanospheres have a wide range of applications including, optoelectronics, surface enhanced Raman spectroscopy (SERS), Dynamic Light Scattering (DLS) Drug Delivery systems, biosensors and more.

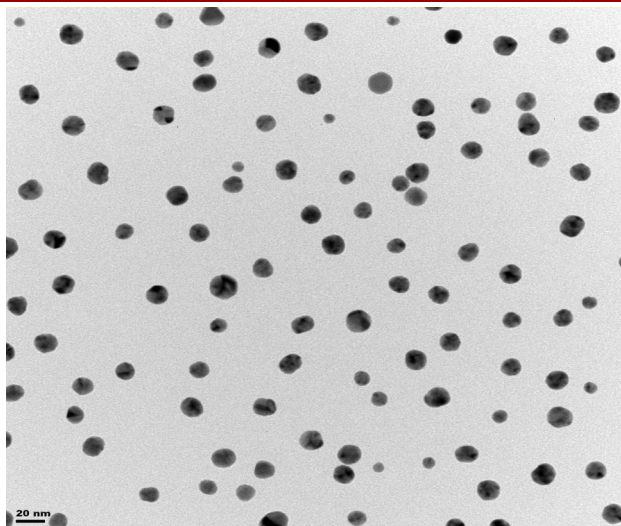
FEATURES

- Electrostatically stabilized Dispersion
- Scalable to commercial volumes
- Available Particle Sizes 10 ± 2 nm
- Custom particle sizes can be manufactured
- Ag-N can be customized for your needs
- Available with either a functionalized coating, or non coated.

UV-VIS



FE-SEM



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