

Product Name: Silver nanoparticles

Product Code: MGT-NP-SX

银纳米颗粒

### Product Description:

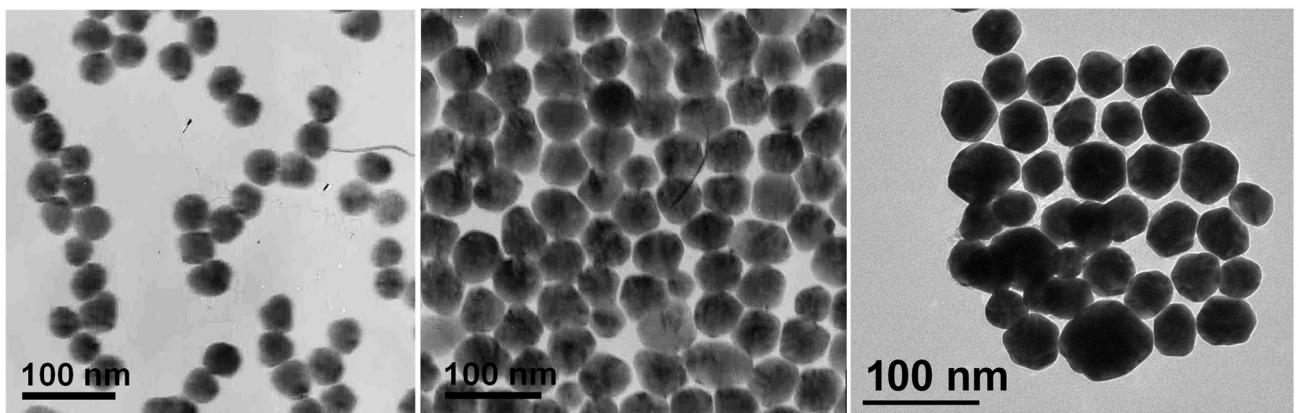
Depending on their shape and sizes, silver nanoparticles can appear in various colors and can be dispersed in multiple solvents to form colloidal suspensions. Their sizes are adjustable in a relative wide range of nanometer scale, typically from about several to several hundred nanometers, dependent on the preparation conditions. Our company can mass-produce different sizes of silver nanoparticles to suit your needs using self-developed patented technology of chemical reduction.

### Product Features:

- |                                      |                              |
|--------------------------------------|------------------------------|
| 1. Narrow particle size distribution | 2. Unique surface treatment  |
| 3. Good dispersion                   | 4. Low sintering temperature |
| 5. Superior conductivity             |                              |

### Product Specification:

Model	Particle size (nm)	Particle size uniformity (nm)	Purity	Solvent
MGT-NP-S5	5	5±2	>99.5% (Elemental Analysis)	Water, Ethanol, Isopropanol, Cyclohexane, Toluene ( or customized )
MGT-NP-S10	10	10±2		
MGT-NP-S30	30	30±3		
MGT-NP-S50	50	50±5		
MGT-NP-S100	100	100±10		
MGT-NP-S150	150	150±10		
MGT-NP-S200	200	200±10		



### Applications:

Silver nanoparticles are widely used in the field of optics, conduction, antibacterial, chemical, efficient thermal conduction, etc. Some examples are, conductive paste, conductive adhesives, circuit manufacturing, Raman enhancement, sterilization; conductive ink, gravure printing, and screen printing, metal mesh printing, printing electrode and antenna, etc.

**Storage:** sealed light-proof storage under -20~ 25℃.