

Product Specification

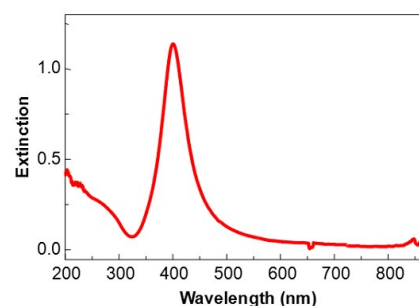
Silver Nanoparticles

Product Description

Name:	Silver Nanoparticles
Chemical Formula:	Ag (CAS No.7440-22-4)
Product Code:	ag-105
Applications:	Antibacterial Agents, Disinfectant, Additives, Catalyst, Surface Coating, SERS Substrates, Plasmonics, Electronics

Properties

Appearance:	Yellow Colloid
Average Particle Size:	5-20 nm
Particle Shape:	Nanospheres
Method of Synthesis:	Chemical Reduction
Solvent:	Deionized Water
Stabilizing Agents:	Soluble Starch
Silver Concentration:	15 mg/L (ppm)
pH:	6±1
Specific Gravity:	1.01 g/mL



Characterization

Method:	UV-Vis Spectrometer
Absorbance:	Plasmon extinction peak maxima at 400±10 nm

Packaging & Delivery

Package Size:	1 L and 10 L
Price & Delivery:	Please contact our sale representatives at sale.primenano@gmail.com for price and delivery information of this product.