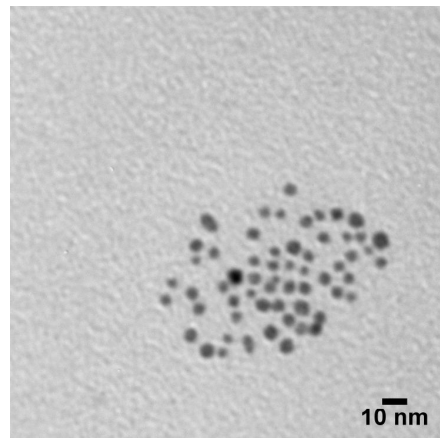
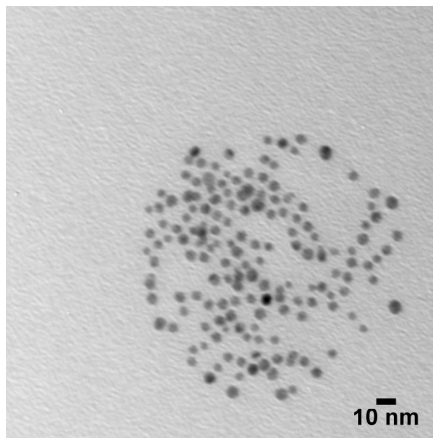
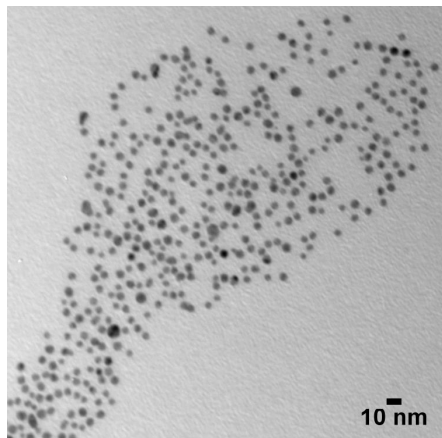


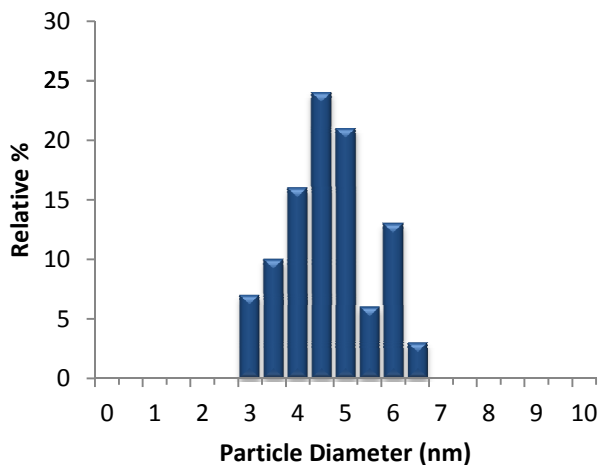
5 nm PVP BioPure™ Silver

Lot Number: DAG2774

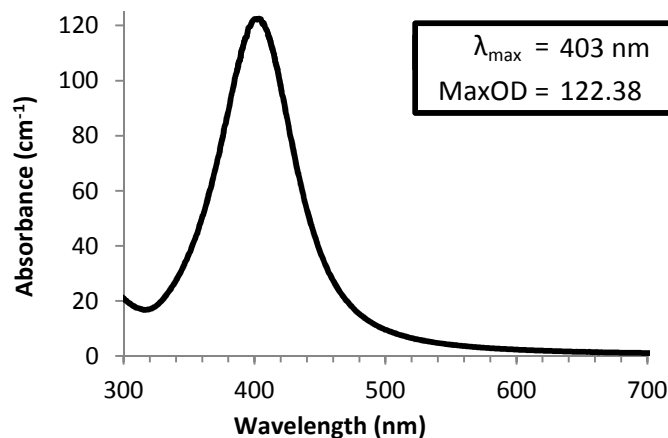
Diameter (TEM):	4.4 ± 0.9 nm	Hydrodynamic Diameter:	Not Reported*
Coefficient of Variation:	19.8 %	Zeta Potential:	Not Reported*
Surface Area (TEM):	120.4 m ² /g	pH of Solution:	6.3
Mass Concentration (Ag):	1.09 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	2.3E+15 particles/mL	Particle Surface:	PVP
Endotoxin Concentration:	< 5 EU/mL	Solvent:	Milli-Q Water



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage: 4-8 °C away from light. DO NOT FREEZE.

*For small diameter nanoparticles, DLS and Zeta Potential are not reported when the concentration is too low to get sufficient scattered light for an accurate measurement