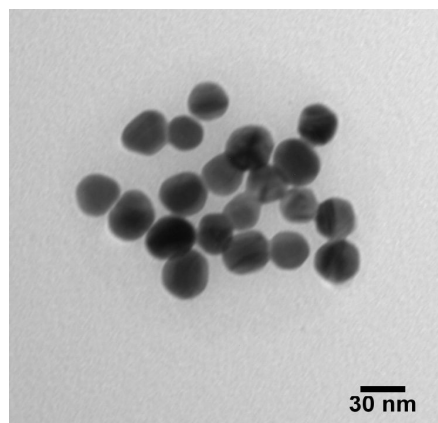
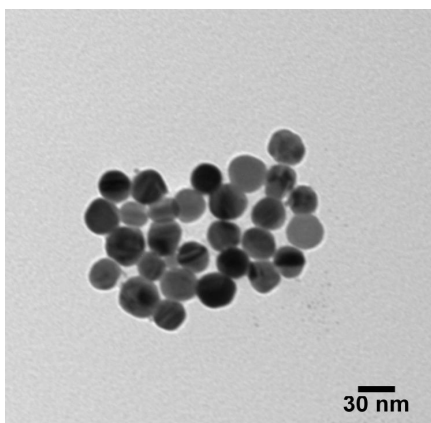
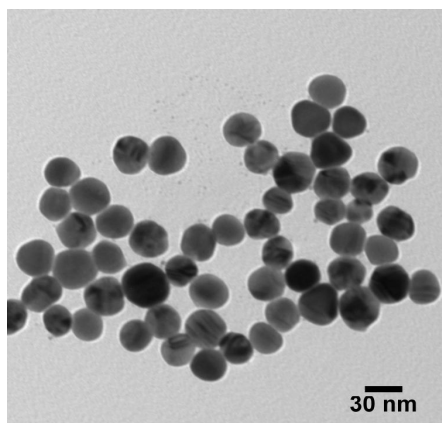


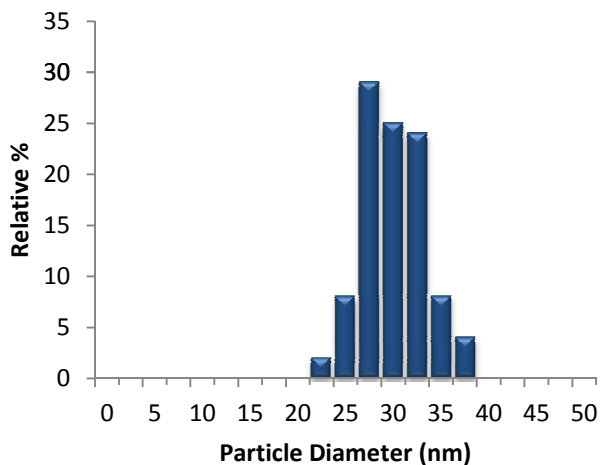
30 nm Citrate BioPure™ Silver

Lot Number: DMW0208

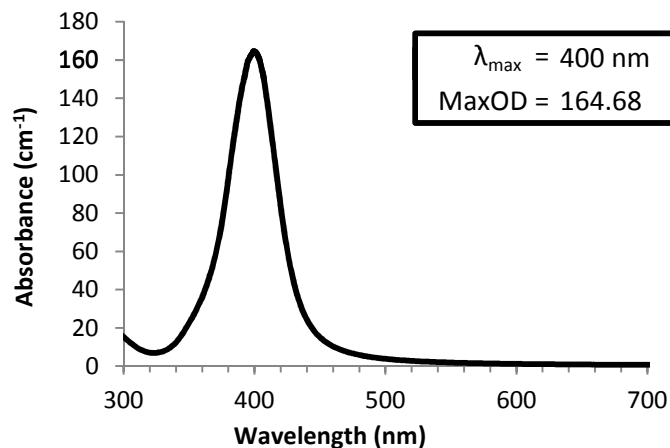
Diameter (TEM):	28.8 ± 3.2 nm	Hydrodynamic Diameter:	33.9 nm
Coefficient of Variation:	11.3 %	Zeta Potential:	-49.5 mV
Surface Area (TEM):	19.4 m ² /g	pH of Solution:	7.7
Mass Concentration (Ag):	1.01 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	7.7E+12 particles/mL	Particle Surface:	Sodium Citrate
Endotoxin Concentration:	< 2.5 EU/mL	Solvent:	Aqueous 2mM Citrate



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

Hydrodynamic Diameter/Zeta Potential:

JEOL 1010 Transmission Electron Microscope

Thermo Fisher X Series 2 ICP-MS

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

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