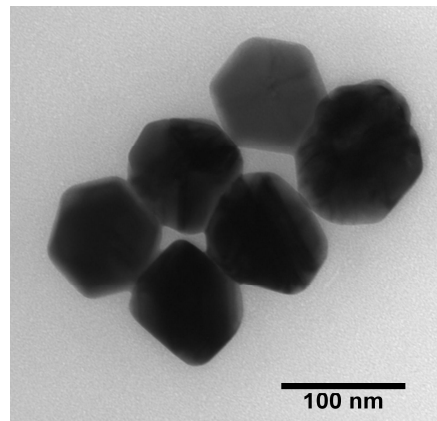
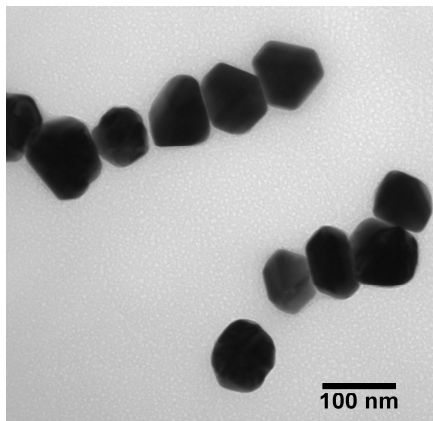
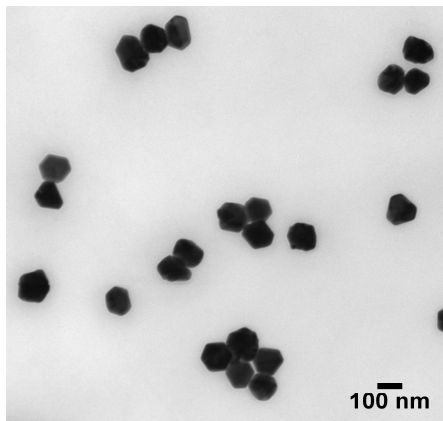


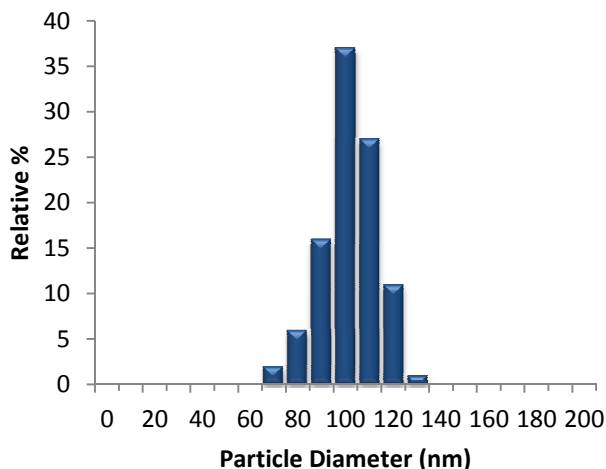
100 nm Silver Nanospheres, Citrate, BioPure™

Lot Number: ABK0054

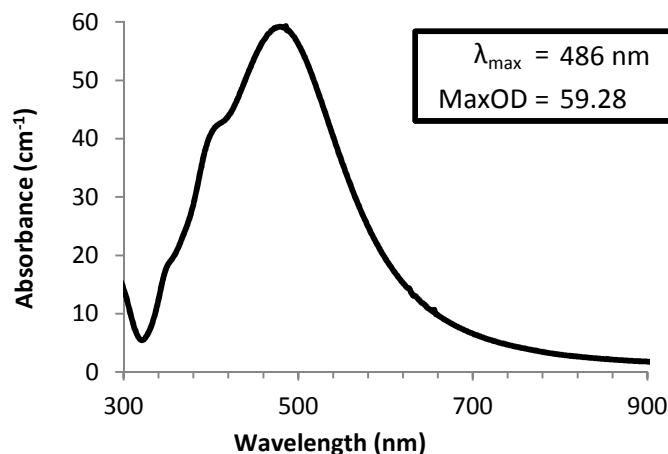
Diameter (TEM):	97 ± 11 nm	Hydrodynamic Diameter:	95 nm
Coefficient of Variation:	11.5 %	Zeta Potential:	-47 mV
Surface Area (TEM):	5.7 m ² /g	pH of Solution:	7.0
Mass Concentration (Ag):	1.07 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	2.1E+11 particles/mL	Particle Surface:	Sodium Citrate
Endotoxin Concentration:	< 2.5 EU/mL	Solvent:	Aqueous 2mM Citrate



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	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: 2-8 °C away from light. DO NOT FREEZE.