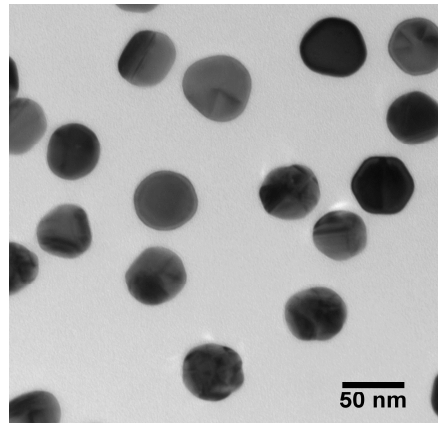
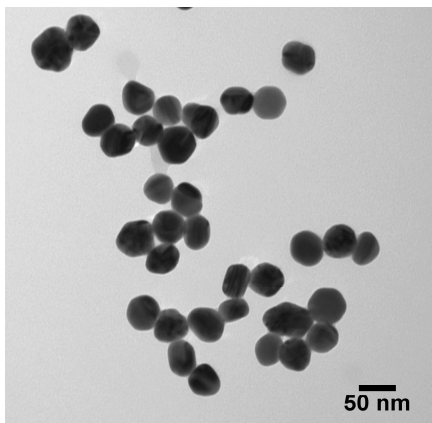
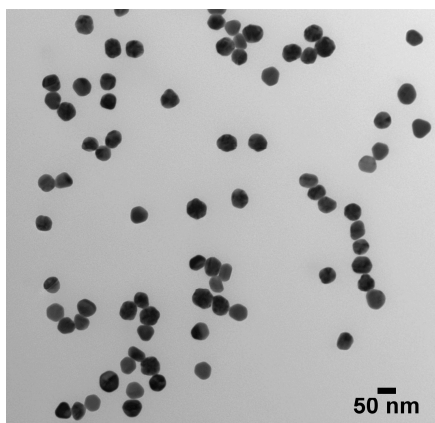


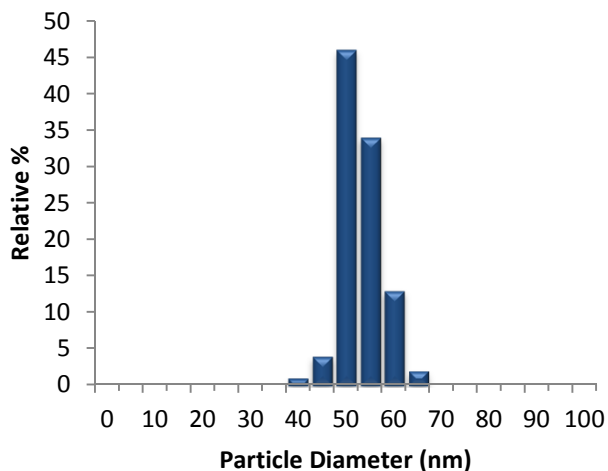
50 nm Silver Nanospheres, PVP, BioPure™

Lot Number: HKE0006

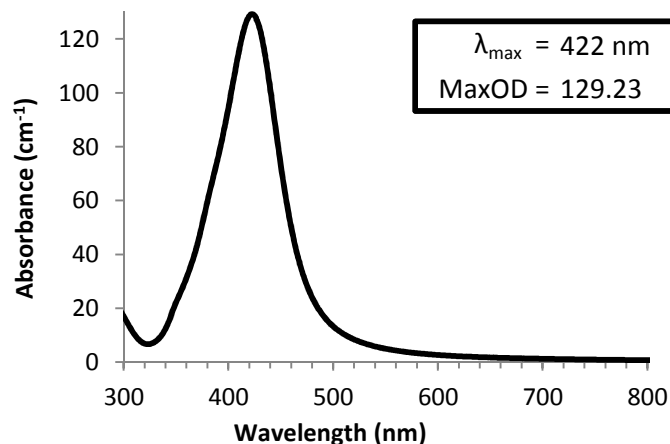
Diameter (TEM):	50 ± 4 nm	Hydrodynamic Diameter:	66 nm
Coefficient of Variation:	8.1 %	Zeta Potential:	-31 mV
Surface Area (TEM):	11.2 m ² /g	pH of Solution:	5.9
Mass Concentration (Ag):	1.08 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	1.5E+12 particles/mL	Particle Surface:	PVP
Endotoxin Concentration:	< 2.5 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: 2-8 °C away from light. DO NOT FREEZE.