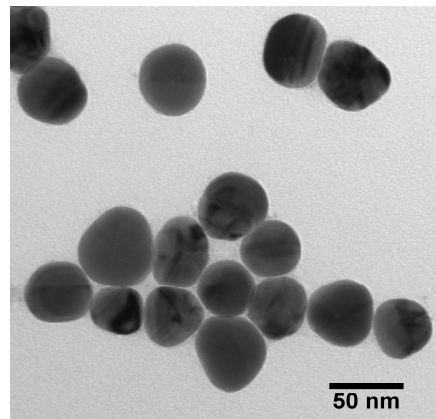
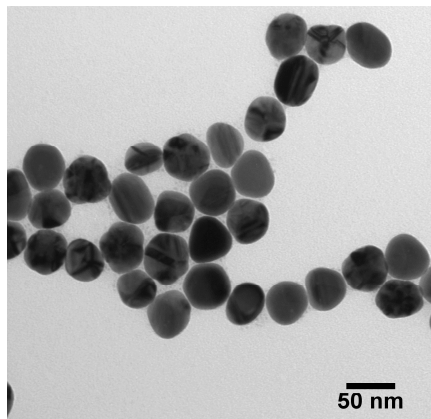
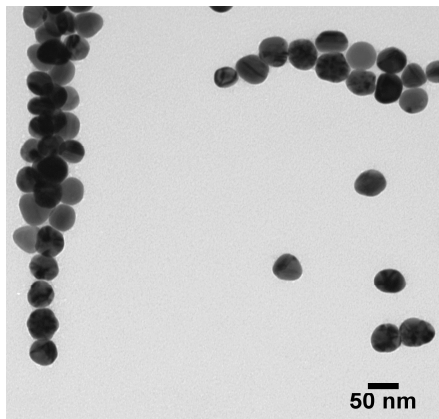


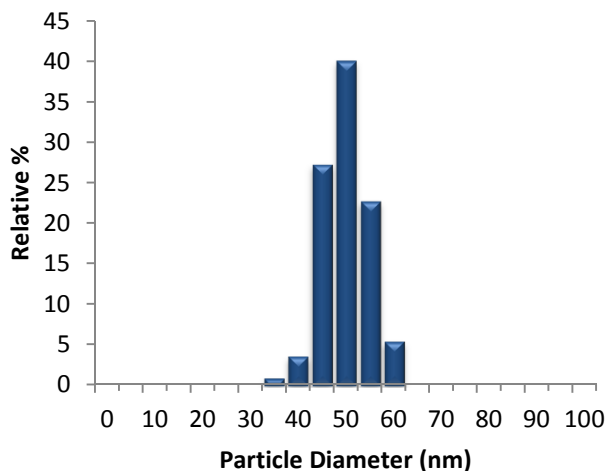
50 nm Silver Nanospheres, BPEI, BioPure™

Lot Number: SCM0149

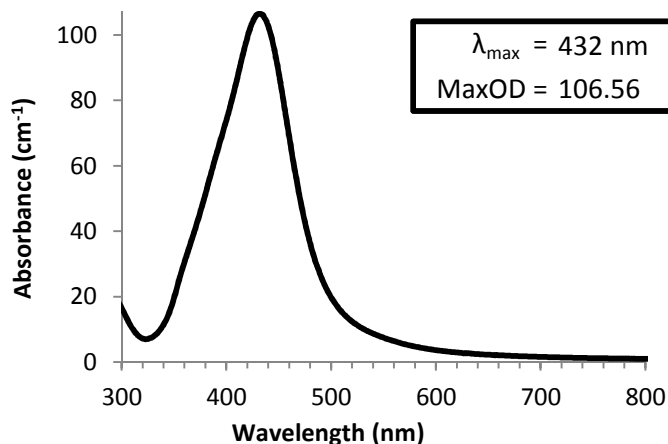
Diameter (TEM):	47 ± 5 nm	Hydrodynamic Diameter:	66 nm
Coefficient of Variation:	10.2 %	Zeta Potential:	73 mV
Surface Area (TEM):	11.8 m ² /g	pH of Solution:	7.0
Mass Concentration (Ag):	1.05 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	1.8E+12 particles/mL	Particle Surface:	bPEI
Endotoxin Concentration:	< 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.