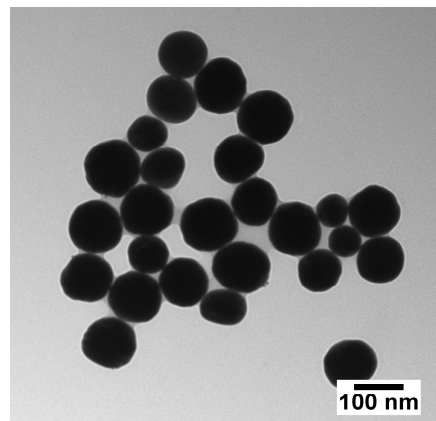
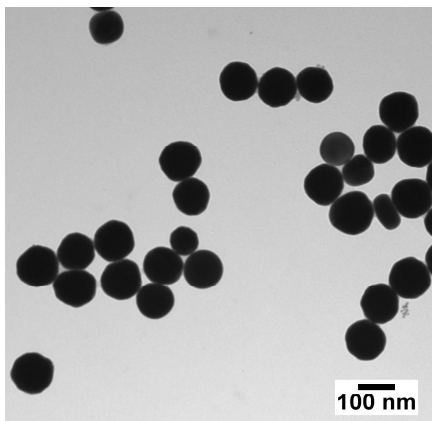
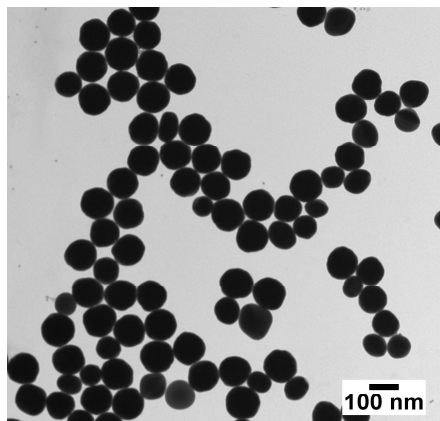


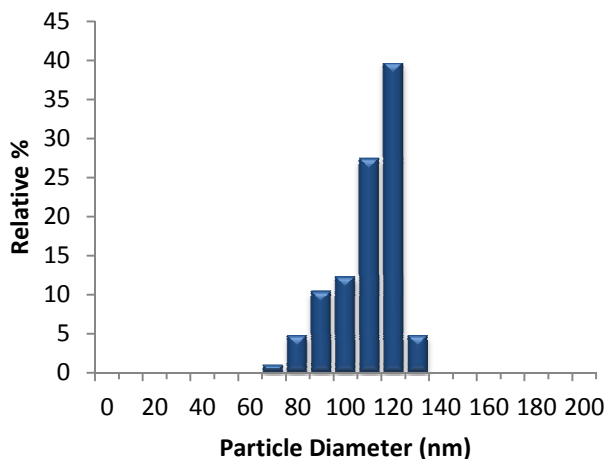
100 nm bPEI BioPure™ Gold

Lot Number: CLF0281

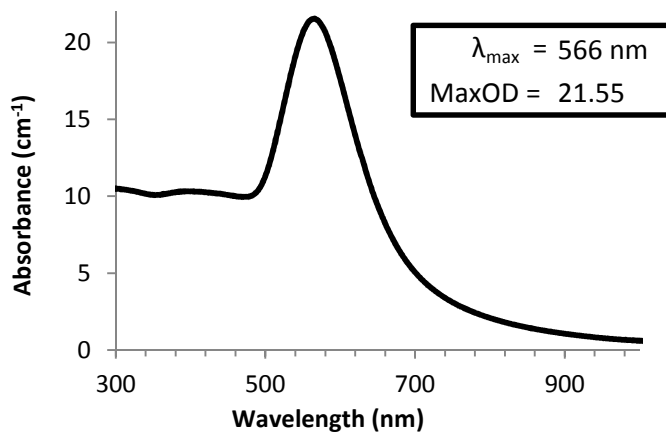
Diameter (TEM): 104.7 ± 12.7 nm	Hydrodynamic Diameter: 119.7 nm
Coefficient of Variation: 12.2 %	Zeta Potential: 59.0 mV
Surface Area (TEM): 2.9 m ² /g	pH of Solution: 7.0
Mass Concentration (Au): 1.07 mg/mL	Particle Surface: bPEI
Particle Concentration: 9.2E+10 particles/mL	Solvent: Milli-Q Water



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 °C. DO NOT FREEZE.