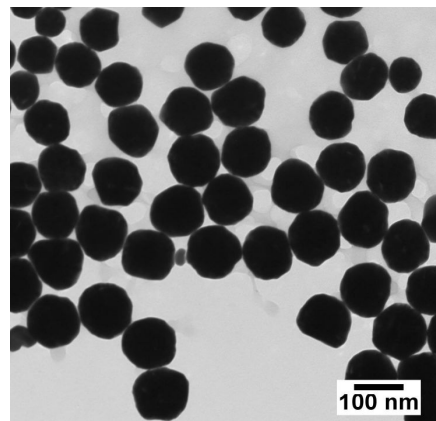
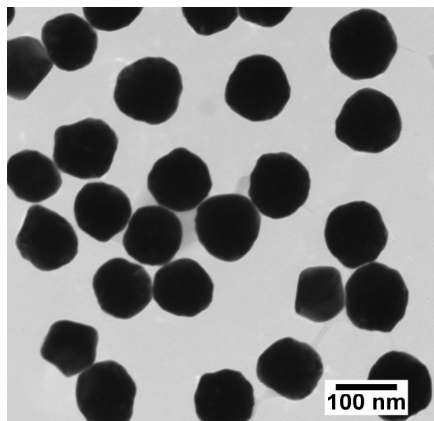
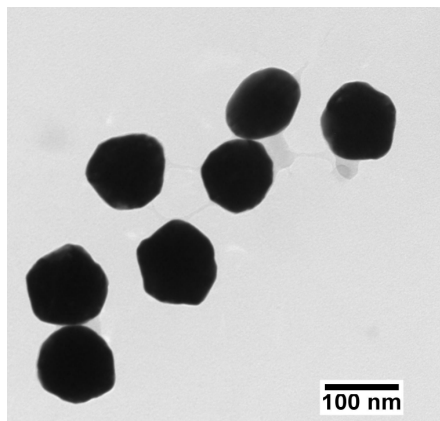


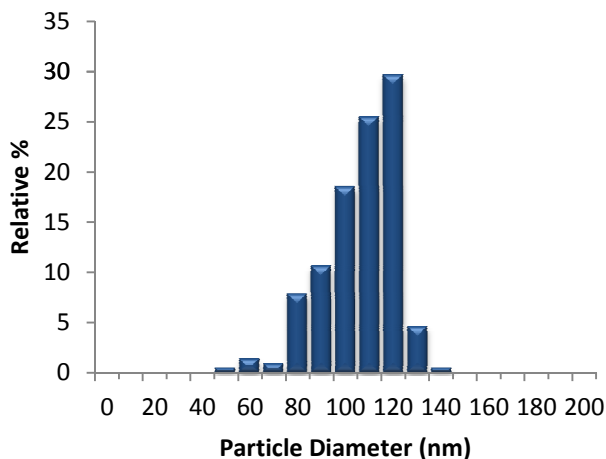
100 nm PVP BioPure™ Gold

Lot Number: JCP1060

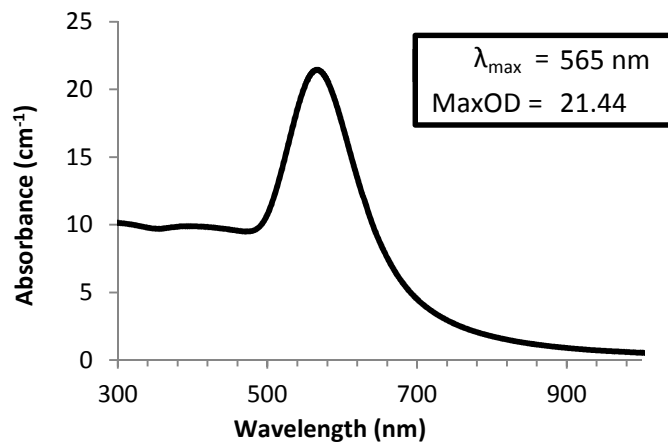
Diameter (TEM):	101.5 ± 15.1 nm	Hydrodynamic Diameter:	133.8 nm
Coefficient of Variation:	14.9 %	Zeta Potential:	-30.7 mV
Surface Area (TEM):	2.9 m ² /g	pH of Solution:	5.7
Mass Concentration (Au):	1.07 mg/mL	Particle Surface:	PVP
Particle Concentration:	1.0E+11 particles/mL	Solvent:	Milli-Q Water



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 and Handling: 4 °C away from light. DO NOT FREEZE.