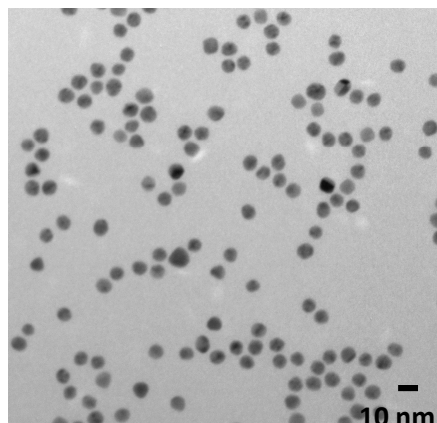
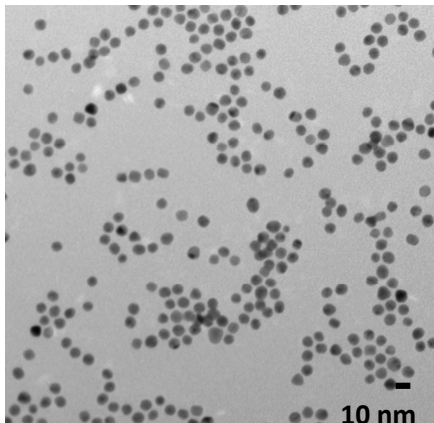
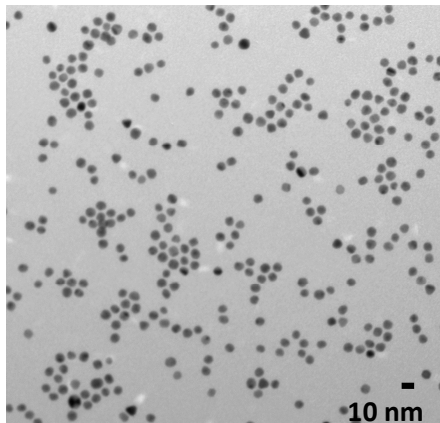


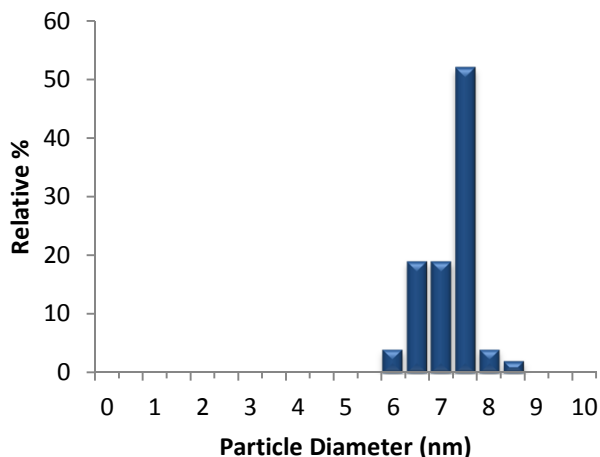
7 nm PVP BioPure™ Gold

Lot Number: DAG1241

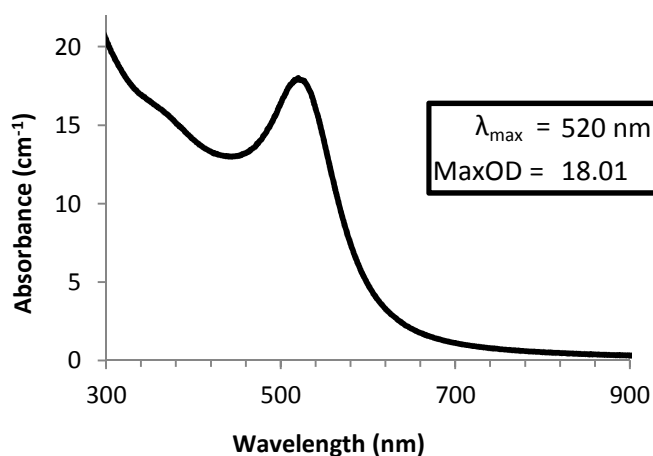
Diameter (TEM):	6.9 nm	Hydrodynamic Diameter:	Not Reported*
First Standard Deviation:	0.5 nm	Zeta Potential:	Not Reported*
Coefficient of Variation:	6.9 %	pH of Solution:	5.3
Mass Concentration (Au)	1.10 mg/mL	Particle Surface	PVP
Particle Concentration	3.3E+14 particles/mL	Solvent:	Milli-Q Water



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: 4-25°C. DO NOT FREEZE.

*For small diameter nanoparticles, DLS and Zeta Potential are not reported when the concentration is too low to get sufficient scattered light for an accurate measurement