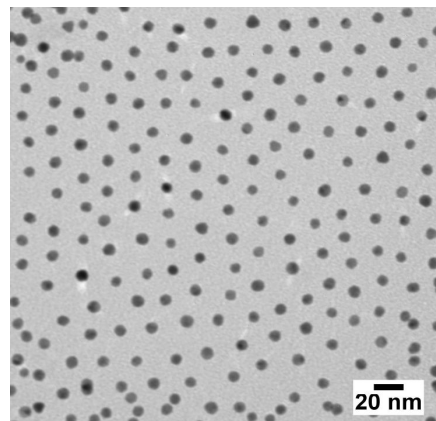
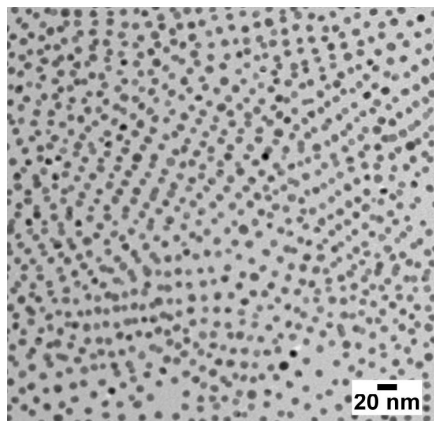
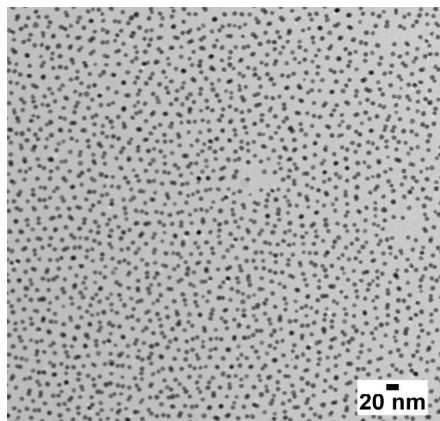


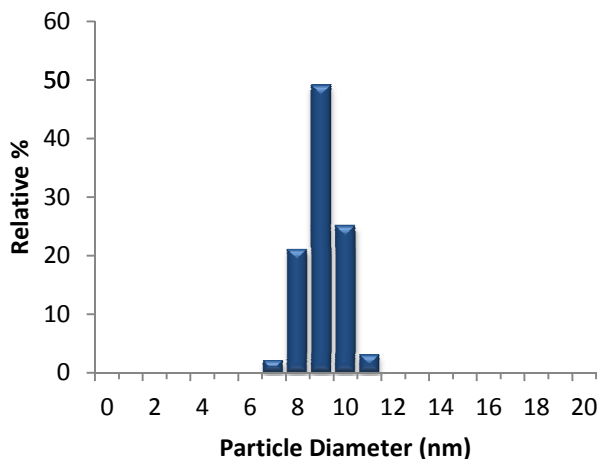
7 nm PEG BioPure™ Gold

Lot Number: JMW1552

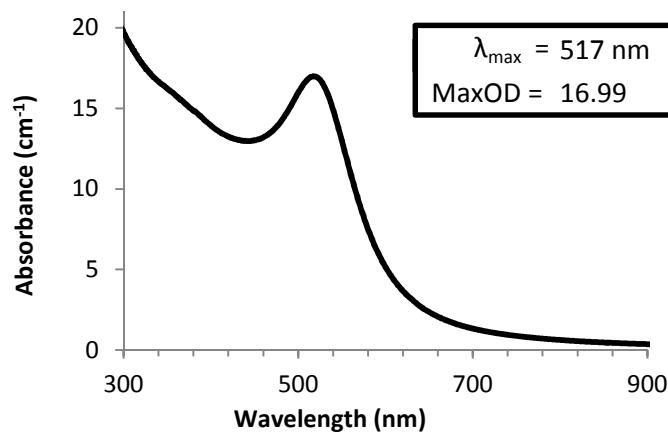
Diameter (TEM):	8.6 ± 0.8 nm	Hydrodynamic Diameter:	Not Reported*
Coefficient of Variation:	9.0 %	Zeta Potential:	Not Reported*
Surface Area (TEM):	35.8 m ² /g	pH of Solution:	5.0
Mass Concentration (Au):	0.93 mg/mL	Particle Surface:	mPEG 5 kDa
Particle Concentration:	1.5E+14 particles/mL	Solvent:	Milli-Q 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 °C away from light. 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