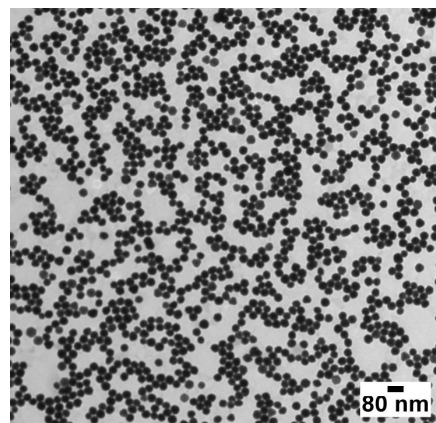
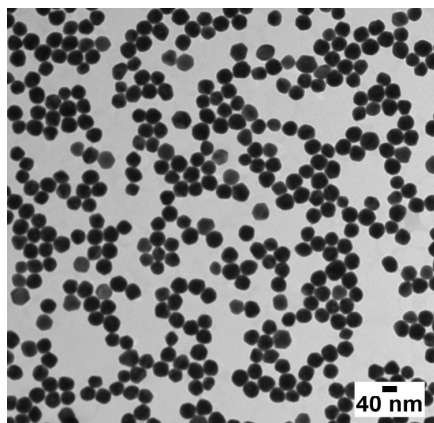
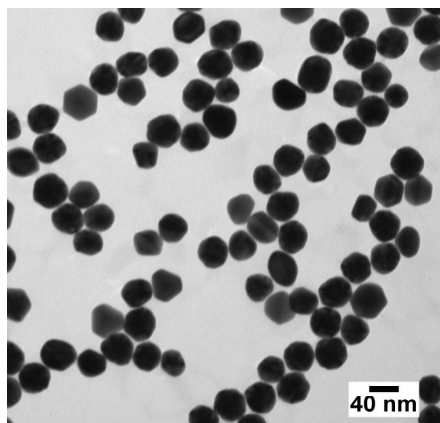


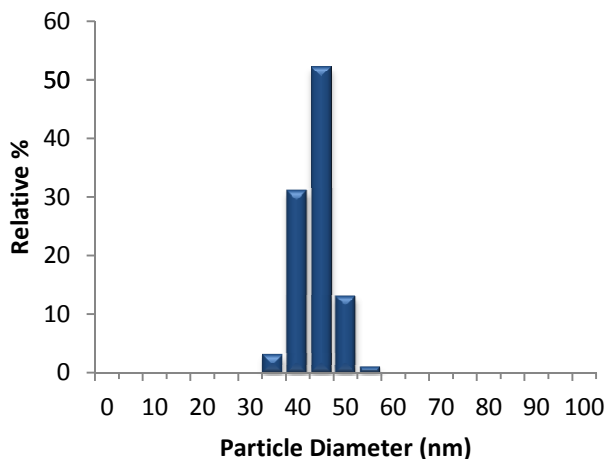
40 nm PEG BioPure™ Gold

Lot Number: JMW1542

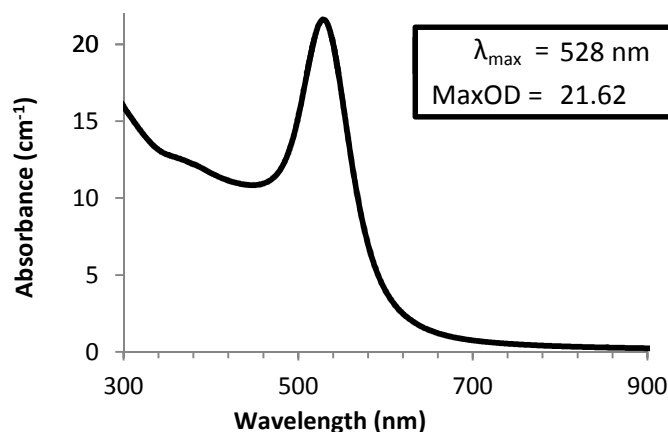
Diameter (TEM):	41.5 ± 3.5 nm	Hydrodynamic Diameter:	67.2 nm
Coefficient of Variation:	8.5 %	Zeta Potential:	-4.7 mV
Surface Area (TEM):	7.4 m ² /g	pH of Solution:	5.4
Mass Concentration (Au):	1.01 mg/mL	Particle Surface:	mPEG 5 kDa
Particle Concentration:	1.4E+12 particles/mL	Solvent:	Milli-Q Water



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.