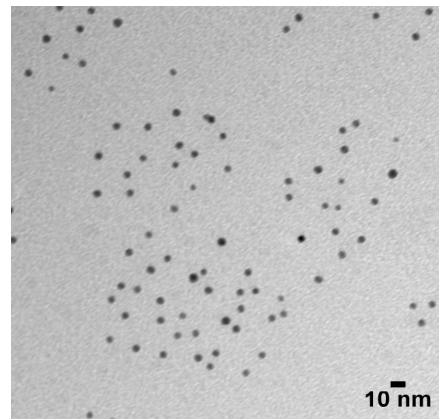
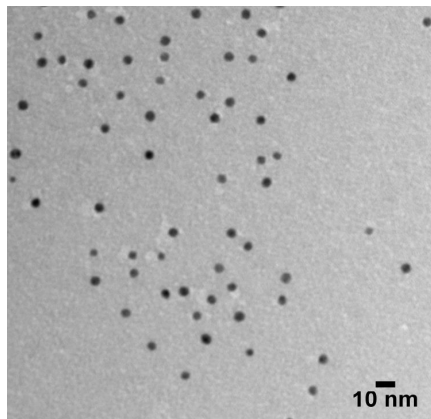
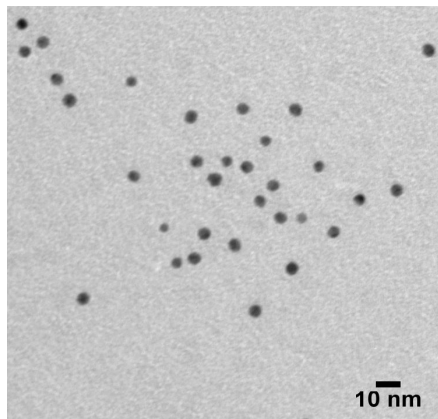


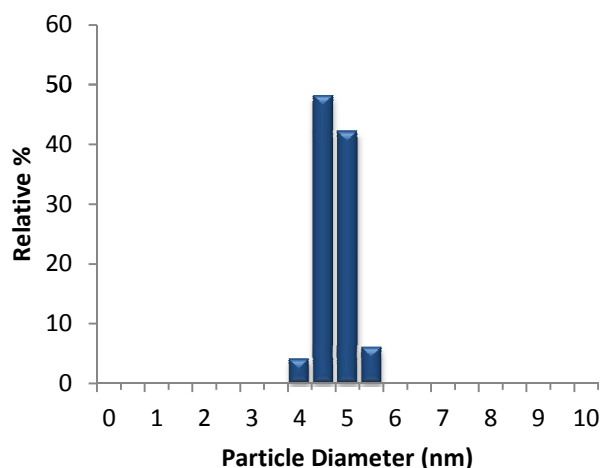
5 nm PEG BioPure™ Gold

Lot Number: JEA0040

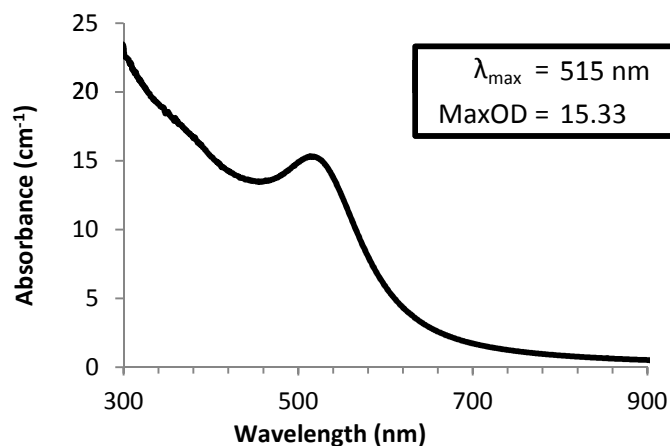
Diameter (TEM):	4.5 ± 0.4 nm	Hydrodynamic Diameter:	Not Reported*
Coefficient of Variation:	7.9 %	Zeta Potential:	Not Reported*
Surface Area (TEM):	67.5 m ² /g	pH of Solution:	5.6
Mass Concentration (Au):	1.08 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	1.1E+15 particles/mL	Particle Surface:	mPEG 5 kDa
Endotoxin Concentration:	< 2.5 EU/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: 4-25 °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