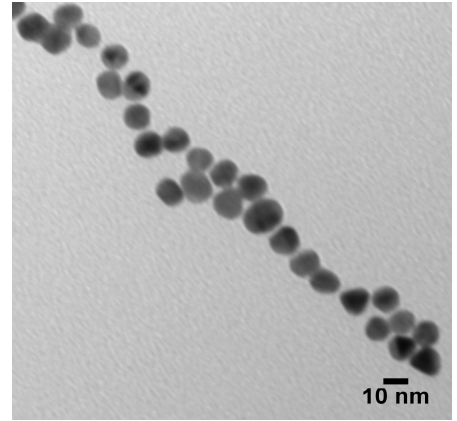
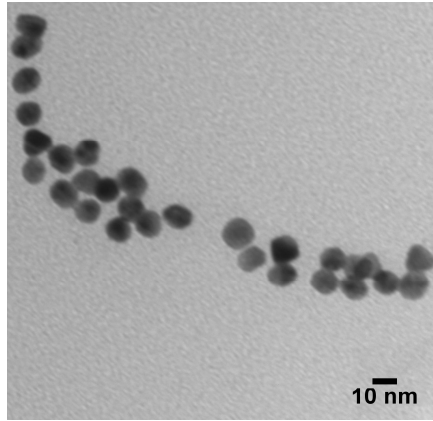
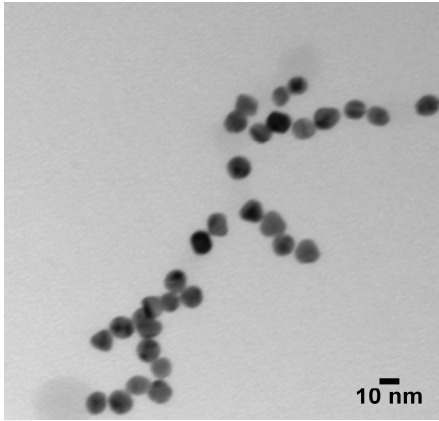


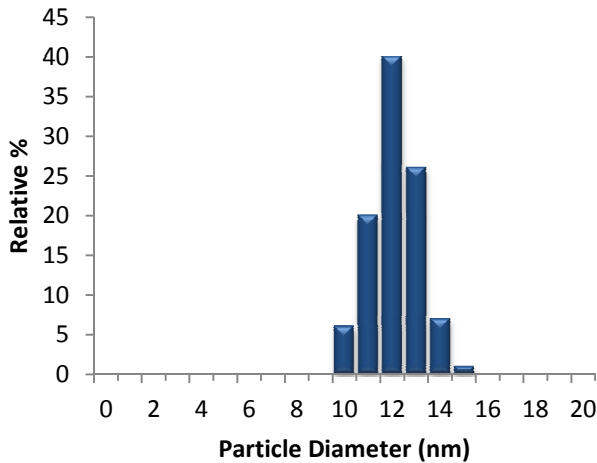
12 nm Citrate BioPure™ Gold

Lot Number: DMW0380

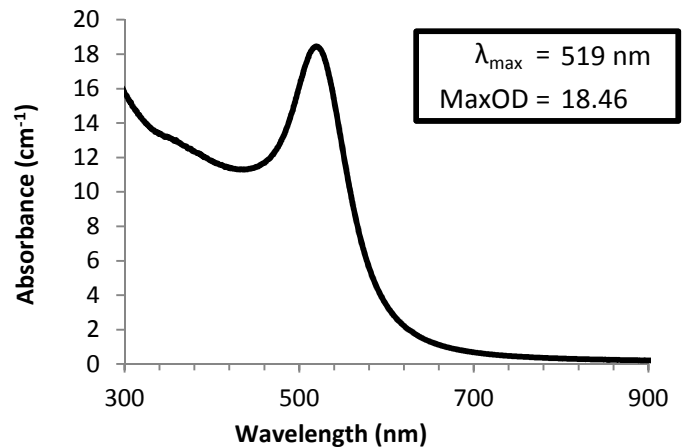
Diameter (TEM):	11.6 ± 1.0 nm	Hydrodynamic Diameter:	14.1 nm
Coefficient of Variation:	8.4 %	Zeta Potential:	-34.5 mV
Surface Area (TEM):	26.4 m ² /g	pH of Solution:	5.1
Mass Concentration (Au):	1.07 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	6.8E+13 particles/mL	Particle Surface:	Sodium Citrate
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.