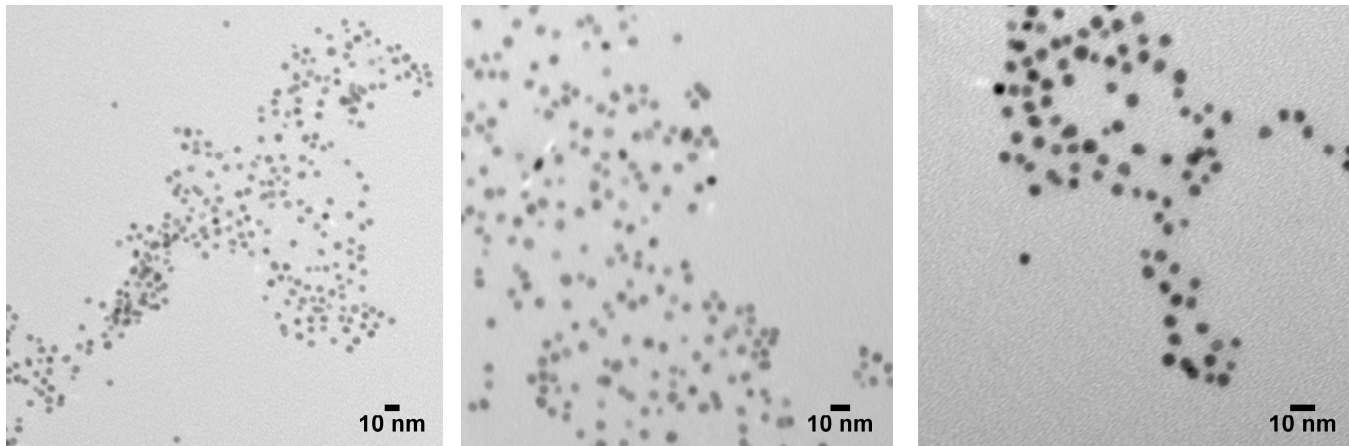


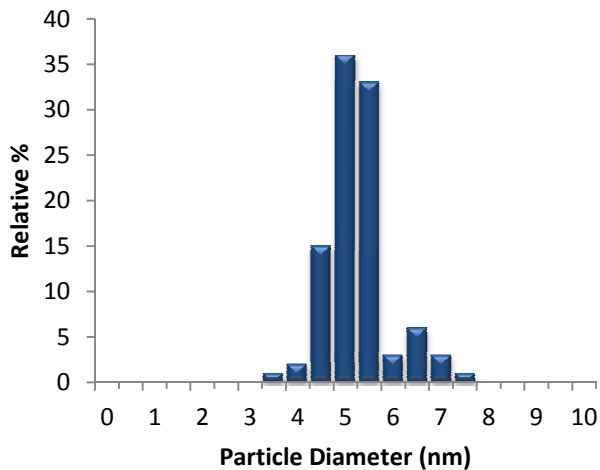
5 nm Citrate BioPure™ Gold

Lot Number: ECP1485

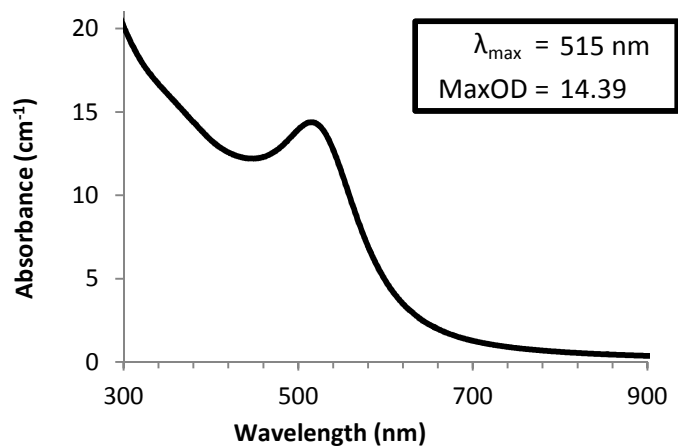
Diameter (TEM):	5.0 ± 0.7 nm	Hydrodynamic Diameter:	Not Reported*
Coefficient of Variation:	13.3 %	Zeta Potential:	Not Reported*
Surface Area (TEM):	59.8 m ² /g	pH of Solution:	5.7
Mass Concentration (Au):	1.06 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	8.3E+14 particles/mL	Particle Surface:	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

Storage: 4-25 °C. DO NOT FREEZE.