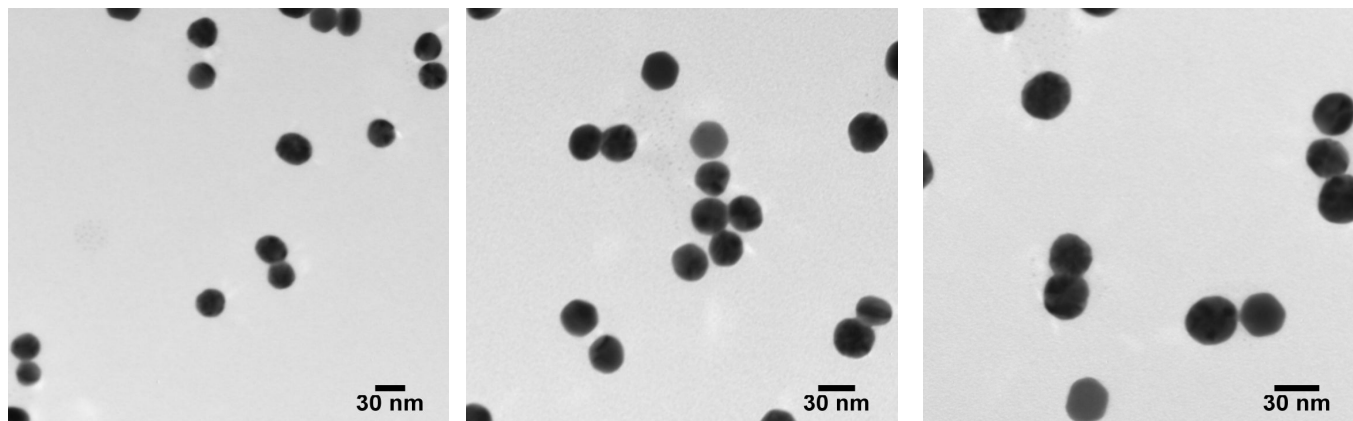


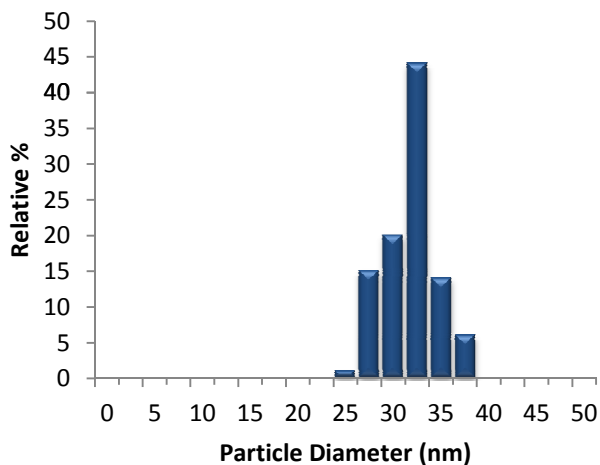
30 nm PVP BioPure™ Gold

Lot Number: ECP1389

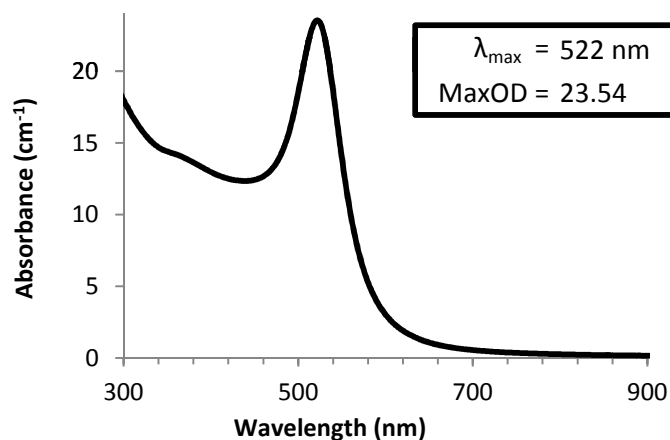
Diameter (TEM):	31 ± 3 nm	Hydrodynamic Diameter:	38 nm
Coefficient of Variation:	8.9 %	Zeta Potential:	-44 mV
Surface Area (TEM):	10.0 m ² /g	pH of Solution:	6.5
Mass Concentration (Au):	1.06 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	3.7E+12 particles/mL	Particle Surface:	PVP
Endotoxin Concentration:	< 2.5 EU/mL	Solvent:	Milli-Q Water



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

Hydrodynamic Diameter/Zeta Potential:

JEOL 1010 Transmission Electron Microscope

Thermo Fisher X Series 2 ICP-MS

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

Storage: 4-25 °C. DO NOT FREEZE.