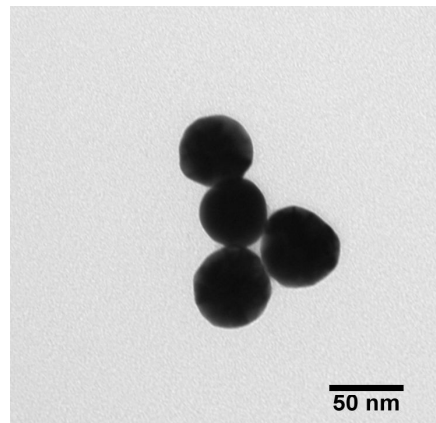
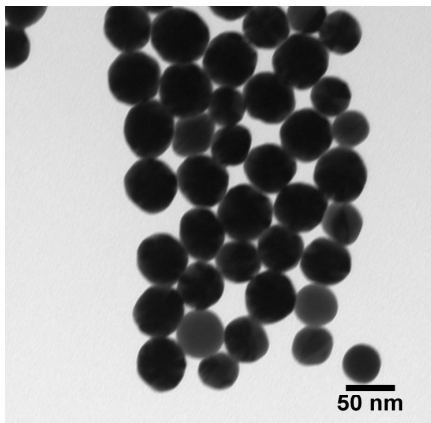
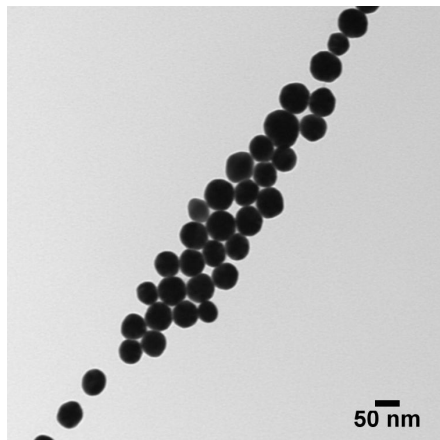


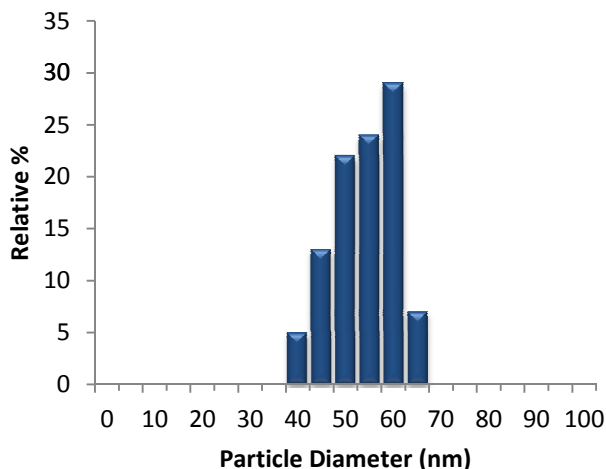
50 nm Gold Nanospheres, PVP, BioPure™

Lot Number: ABK0041

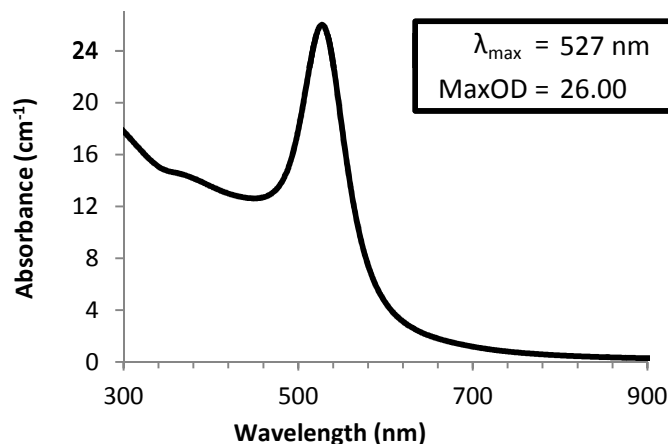
Diameter (TEM):	52 ± 6 nm	Hydrodynamic Diameter:	70 nm
Coefficient of Variation:	12.2 %	Zeta Potential:	-40 mV
Surface Area (TEM):	5.8 m ² /g	pH of Solution:	5.9
Mass Concentration (Au):	1.04 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	7.4E+11 particles/mL	Particle Surface:	PVP
Endotoxin Concentration:	< 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: 2-25 °C. DO NOT FREEZE.