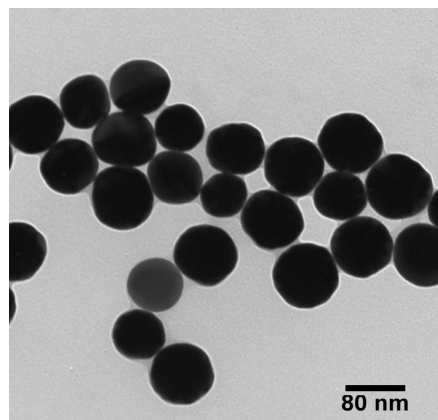
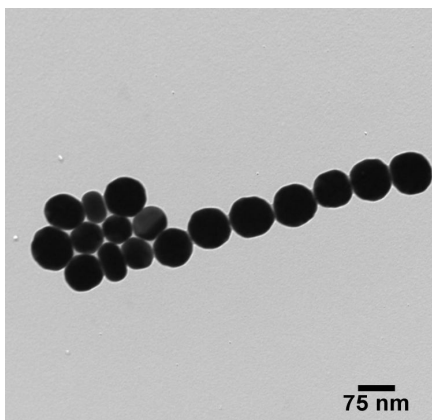
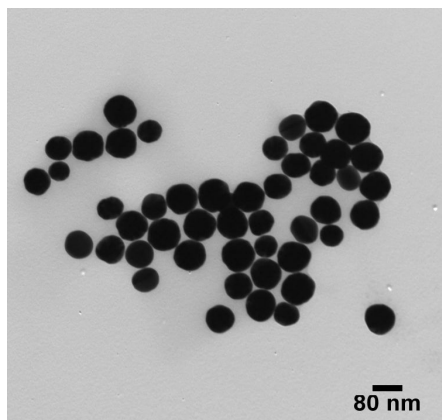


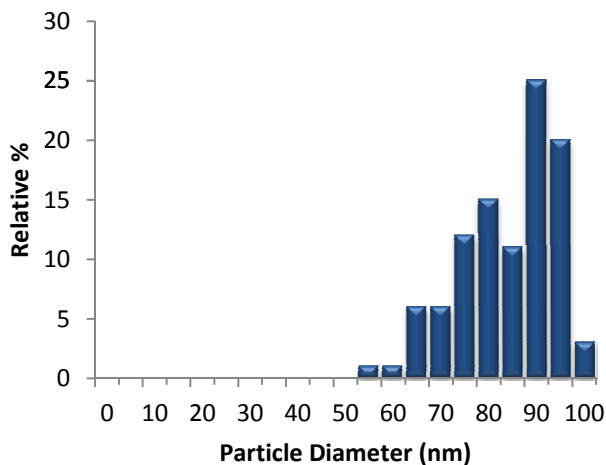
80 nm bPEI BioPure™ Gold

Lot Number: KJW2420

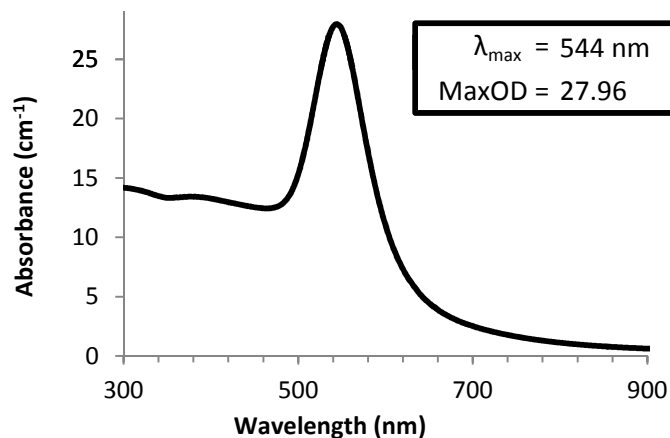
Diameter (TEM):	81 ± 10 nm	Hydrodynamic Diameter:	98 nm
Coefficient of Variation:	12.3 %	Zeta Potential:	76 mV
Surface Area (TEM):	3.7 m ² /g	pH of Solution:	6.8
Mass Concentration (Au):	1.02 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	1.9E+11 particles/mL	Particle Surface:	bPEI
Endotoxin Concentration:	< 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.