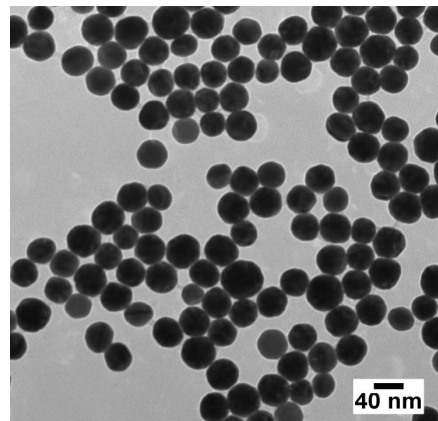
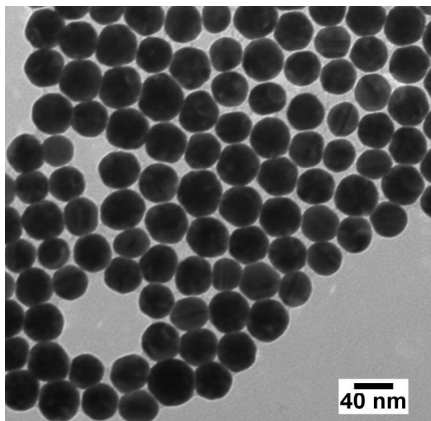
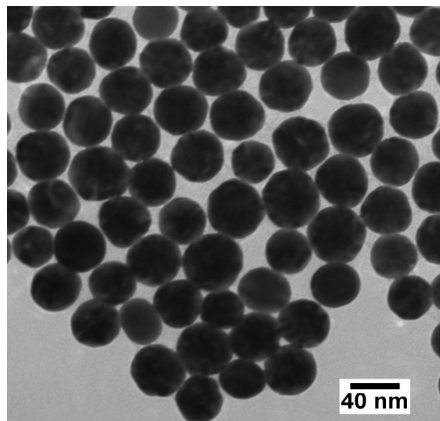


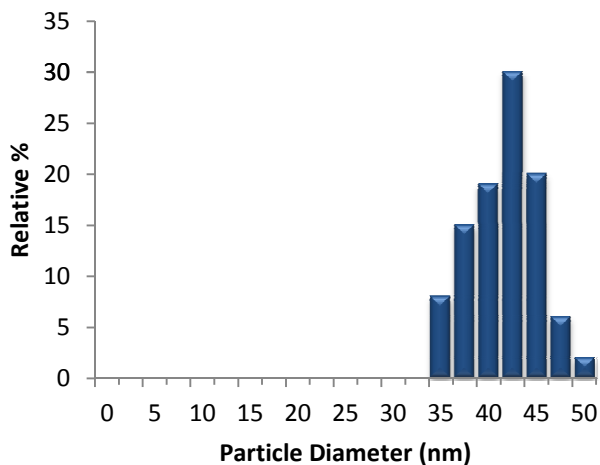
# 40 nm PEG BioPure™ Gold

Lot Number: JEA0161

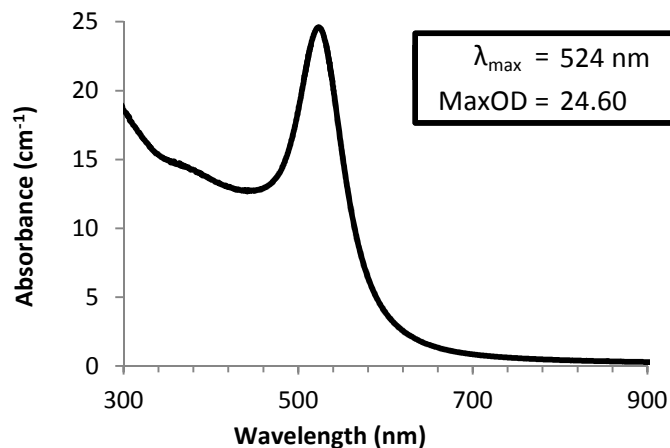
<b>Diameter (TEM):</b>	40.4 ± 3.5 nm	<b>Hydrodynamic Diameter:</b>	59.8 nm
<b>Coefficient of Variation:</b>	8.6 %	<b>Zeta Potential:</b>	-34.3 mV
<b>Surface Area (TEM):</b>	7.6 m <sup>2</sup> /g	<b>pH of Solution:</b>	5.3
<b>Mass Concentration (Au):</b>	1.03 mg/mL	<b>Gold Purity:</b>	99.99 %
<b>Particle Concentration:</b>	1.6E+12 particles/mL	<b>Particle Surface:</b>	mPEG 5 kDa
<b>Endotoxin Concentration:</b>	< 2.5 EU/mL	<b>Solvent:</b>	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.