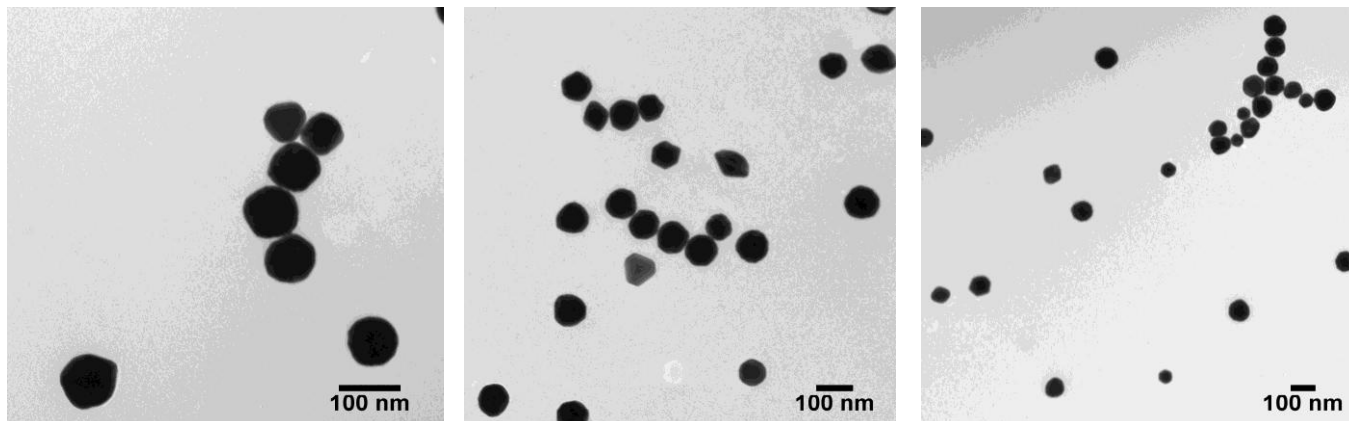


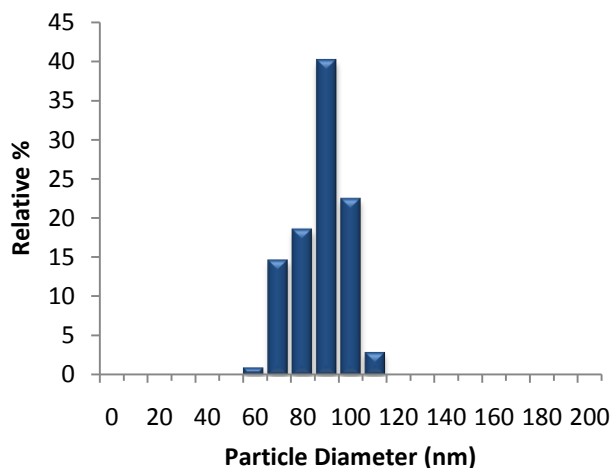
# 80 nm PVP BioPure™ Gold

Lot Number: DAG1563

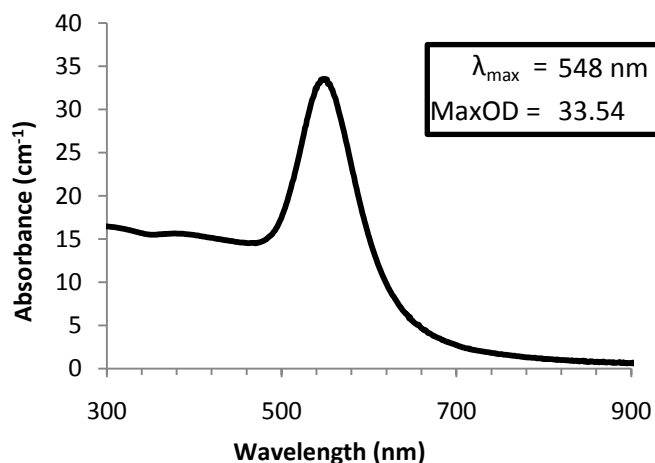
<b>Diameter (TEM):</b>	82.6 nm	<b>Hydrodynamic Diameter:</b>	104.8 nm
<b>First Standard Deviation:</b>	10.2 nm	<b>Zeta Potential:</b>	-17.3 mV
<b>Coefficient of Variation:</b>	12.4 %	<b>pH of Solution:</b>	6.1
<b>Mass Concentration (Au)</b>	1.06 mg/mL	<b>Particle Surface</b>	PVP
<b>Particle Concentration</b>	1.9E+11 particles/mL	<b>Solvent:</b>	Milli-Q Water



## Size Distribution



## Optical Properties



### Characterization Instrumentation

<b>Diameter and Size Statistics:</b>	JEOL 1010 Transmission Electron Microscope
<b>Mass Concentration:</b>	Thermo Fisher X Series 2 ICP-MS
<b>Spectral Properties:</b>	Agilent 8453 UV-Visible Spectrometer
<b>Hydrodynamic Diameter/Zeta Potential:</b>	Malvern Zetasizer Nano ZS.

Storage and Handling: 4 °C away from light. DO NOT FREEZE.