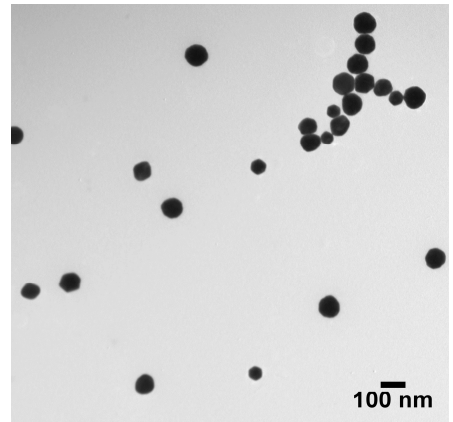
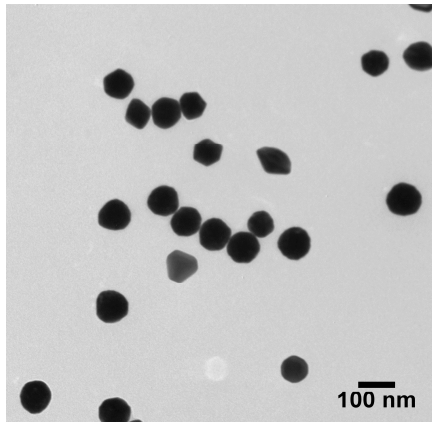
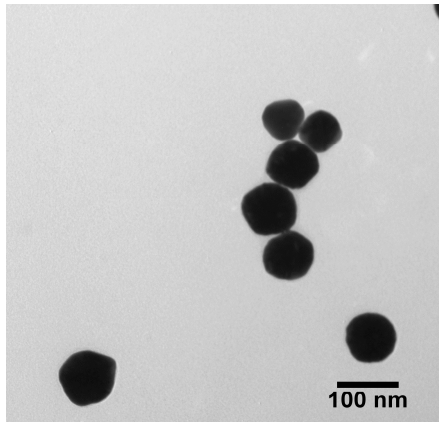


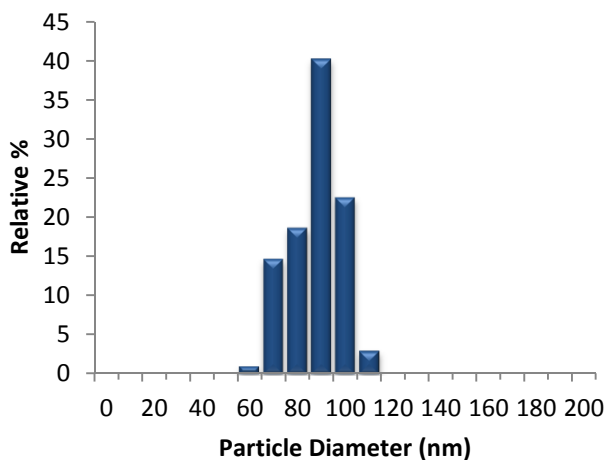
# 80 nm PVP Gold Nanopowder

**Lot Number: DAG1563-MGM2272**

<b>Diameter (TEM):</b>	82.6 nm	<b>Particle Surface</b>	PVP
<b>First Standard Deviation:</b>	10.2 nm	<b>Particle Form:</b>	Powder
<b>Coefficient of Variation:</b>	12.4 %	<b>Mass Concentration (Ag)</b>	15 % by mass
<b>Surface Area (TEM):</b>	3.67 m <sup>2</sup> /g	<b>Mass Concentration (PVP)</b>	85 % by mass

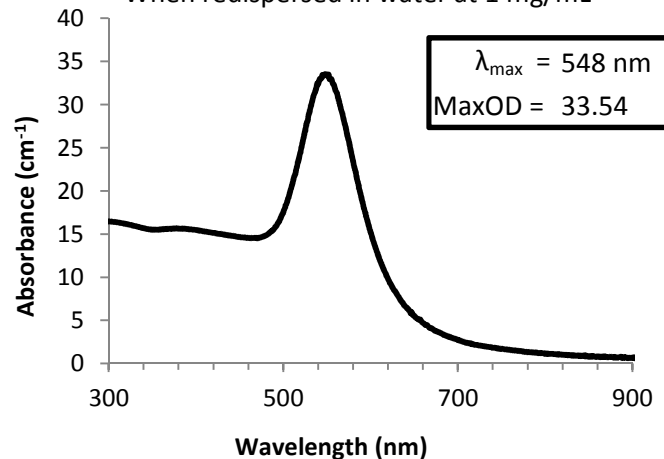


## Size Distribution



## Optical Properties

When redispersed in water at 1 mg/mL



### 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: Cool, dry place away from light.  
DO NOT FREEZE. AVOID INHALATION. Sonicate to resuspend.