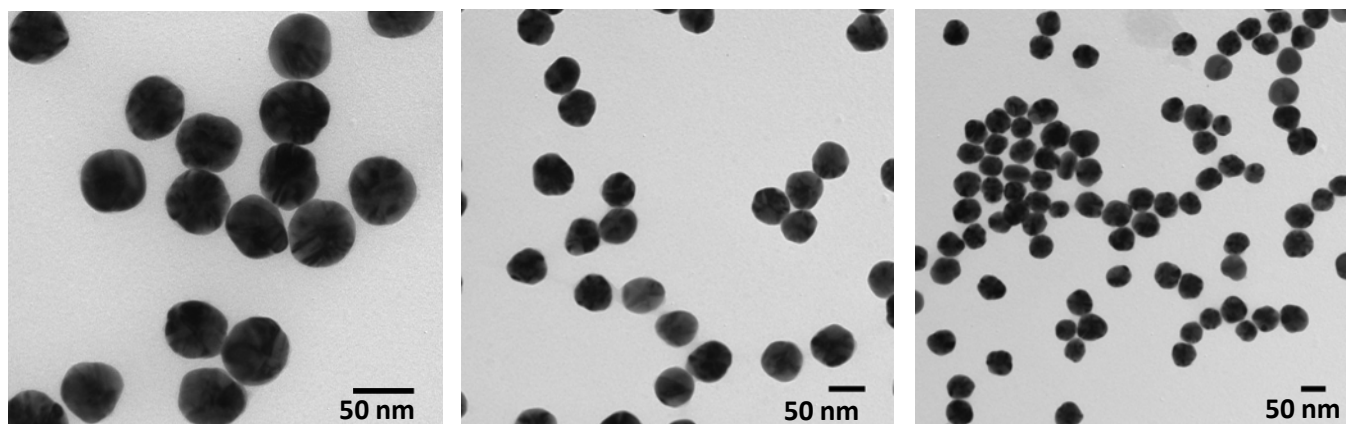


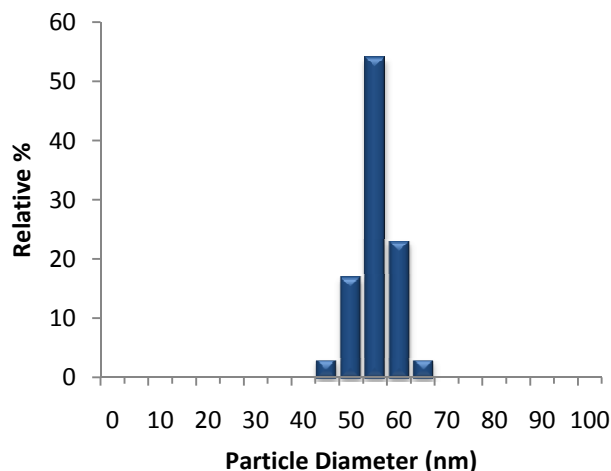
# 50 nm PELCO<sup>®</sup> NanoXact<sup>™</sup> Silver

**Lot Number: MGM1033**

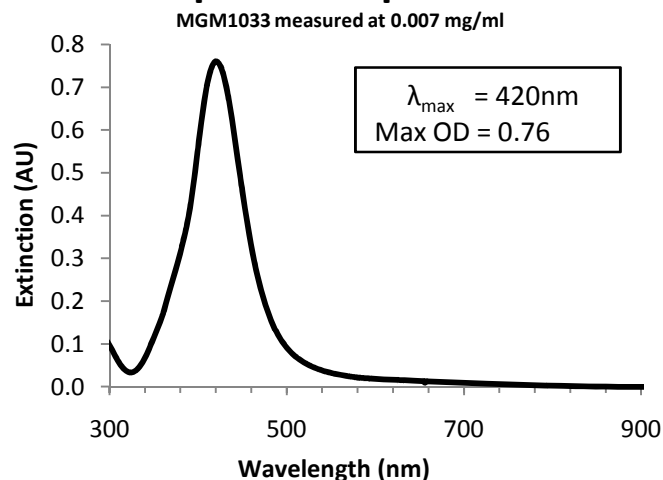
<b>Diameter (TEM):</b>	53.1 nm	<b>Particle Surface</b>	Citrate
<b>First Standard Deviation:</b>	4.1 nm	<b>Hydrodynamic Diameter:</b>	57.9 nm
<b>Coefficient of Variation:</b>	7.7 %	<b>Zeta Potential:</b>	-39.6 mV
<b>Mass Concentration</b>	0.02 mg/mL	<b>pH of Solution:</b>	7.2
<b>Particle Concentration</b>	6.6E+11 particles/mL	<b>Suspension Solution:</b>	2mM Citrate/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 and Handling: 4 °C away from light. DO NOT FREEZE.**