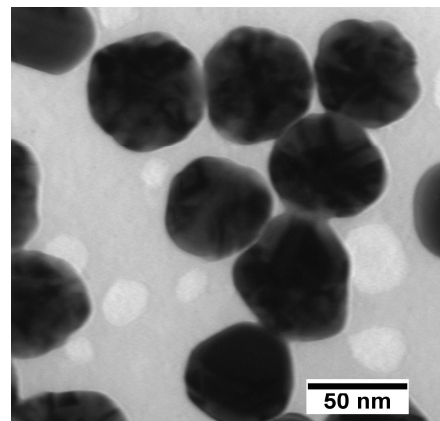
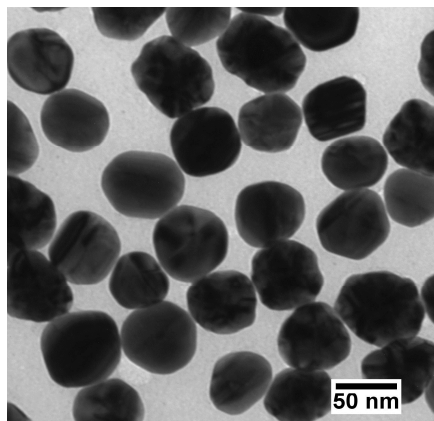
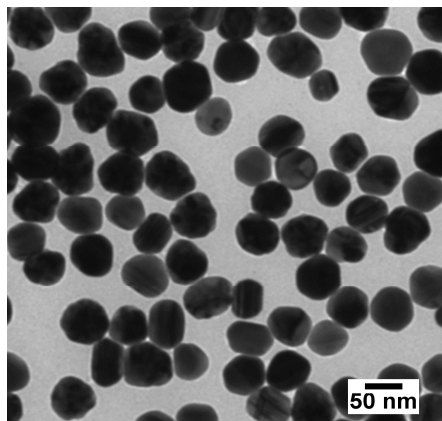


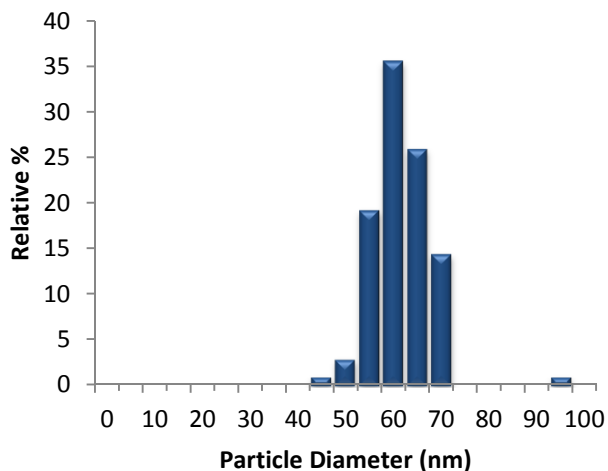
# 60 nm Silver Nanospheres, Citrate, BioPure™

Lot Number: JRC0077

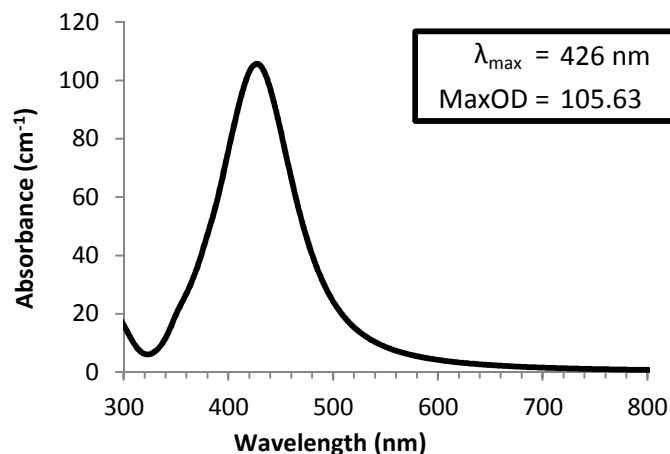
<b>Diameter (TEM):</b>	59 ± 6 nm	<b>Hydrodynamic Diameter:</b>	71 nm
<b>Coefficient of Variation:</b>	10.7 %	<b>Zeta Potential:</b>	-40 mV
<b>Surface Area (TEM):</b>	9.4 m <sup>2</sup> /g	<b>pH of Solution:</b>	7.2
<b>Mass Concentration (Ag):</b>	1.05 mg/mL	<b>Silver Purity:</b>	99.99 %
<b>Particle Concentration:</b>	9.2E+11 particles/mL	<b>Particle Surface:</b>	Sodium Citrate
<b>Endotoxin Concentration:</b>	< 2.5 EU/mL	<b>Solvent:</b>	Aqueous 2mM Citrate



**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: 2-8 °C away from light. DO NOT FREEZE.