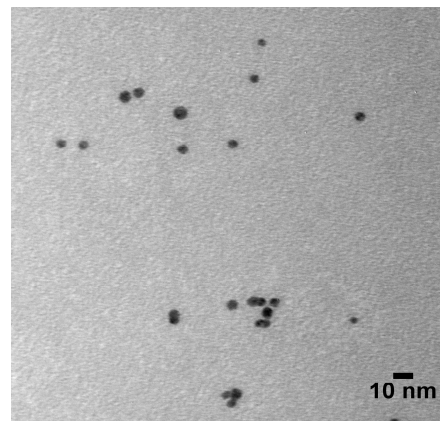
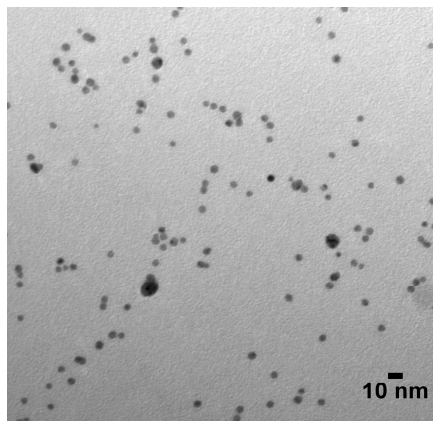
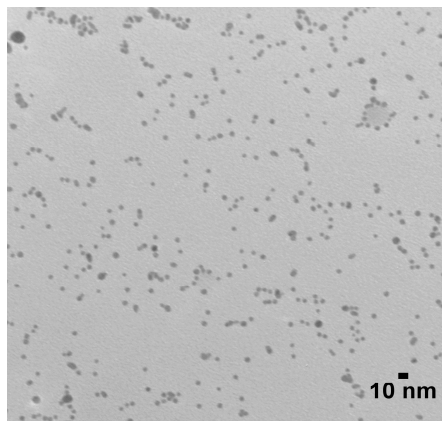


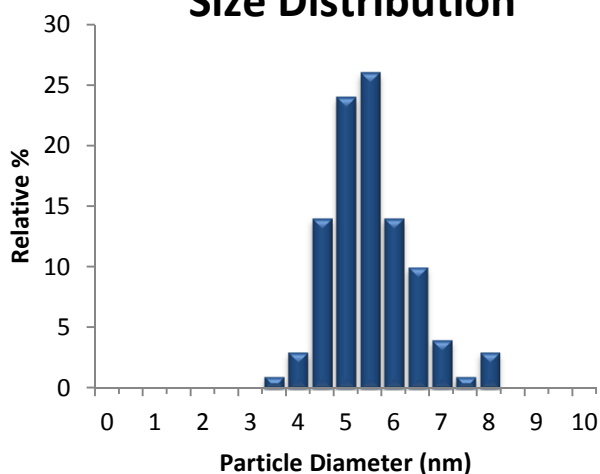
# 5 nm Silver Nanospheres, Citrate, BioPure™

Lot Number: SCM0014

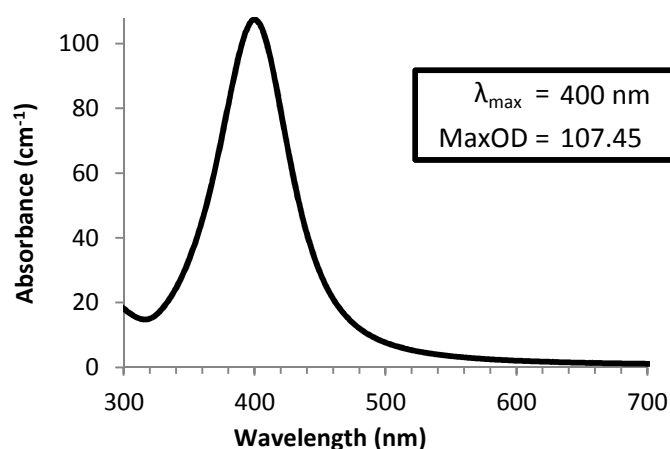
<b>Diameter (TEM):</b>	5.2 ± 0.9 nm	<b>Hydrodynamic Diameter:</b>	Not Reported*
<b>Coefficient of Variation:</b>	16.4 %	<b>Zeta Potential:</b>	Not Reported*
<b>Surface Area (TEM):</b>	103.2 m <sup>2</sup> /g	<b>pH of Solution:</b>	7.6
<b>Mass Concentration (Ag):</b>	0.93 mg/mL	<b>Silver Purity:</b>	99.99 %
<b>Particle Concentration:</b>	1.2E+15 particles/mL	<b>Particle Surface:</b>	Sodium Citrate
<b>Endotoxin Concentration:</b>	< 5 EU/mL	<b>Solvent:</b>	Aqueous 2mM Citrate



**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

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

\*For small diameter nanoparticles, DLS and Zeta Potential are not reported when the concentration is too low to get sufficient scattered light for an accurate measurement