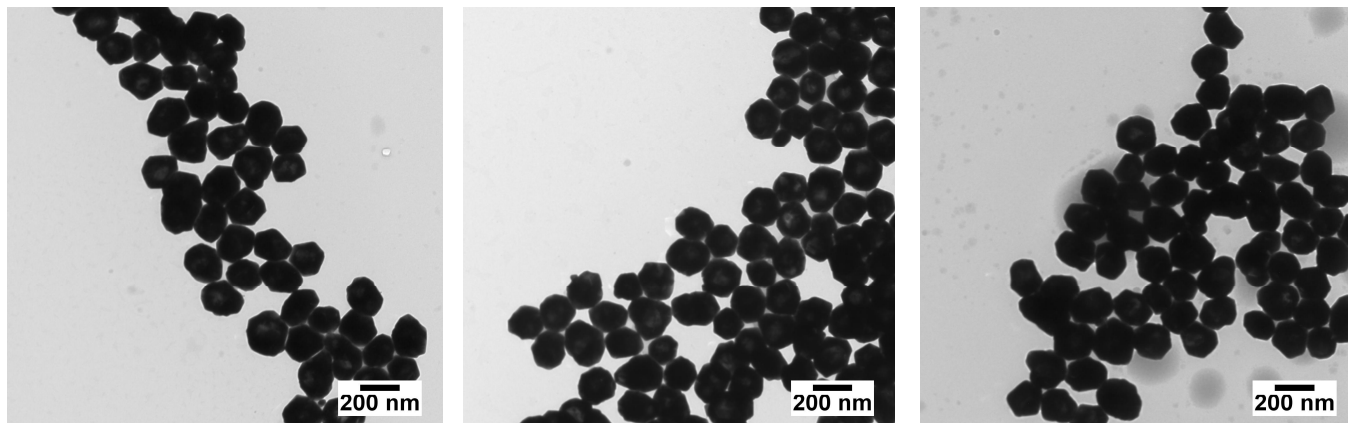


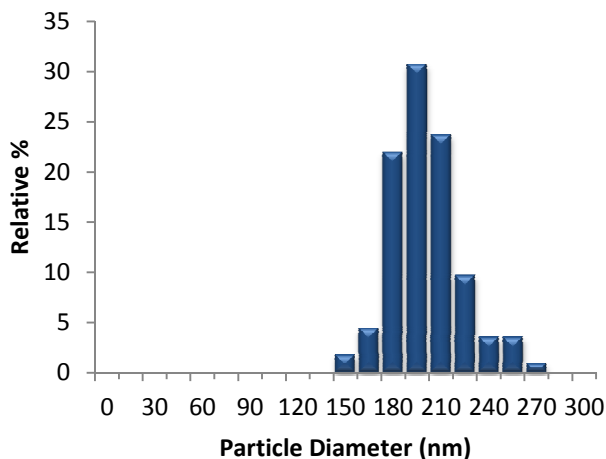
# 200 nm Citrate NanoXact™ Silver

Lot Number: CLF0433

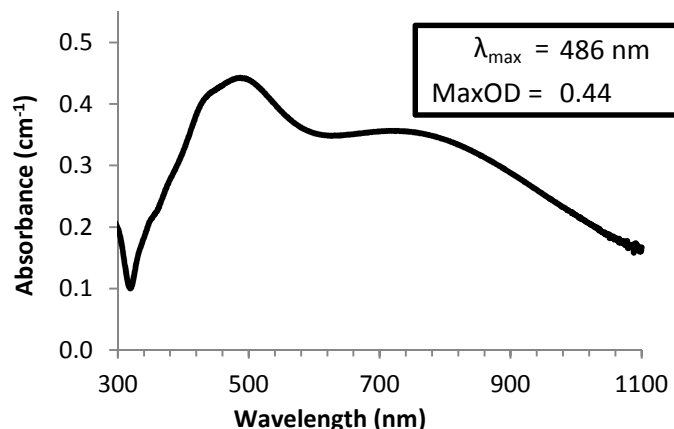
<b>Diameter (TEM):</b>	193.7 ± 21.2 nm	<b>Hydrodynamic Diameter:</b>	193.8 nm
<b>Coefficient of Variation:</b>	10.9 %	<b>Zeta Potential:</b>	-27.9 mV
<b>Surface Area (TEM):</b>	2.9 m <sup>2</sup> /g	<b>pH of Solution:</b>	7.1
<b>Mass Concentration (Ag):</b>	0.022 mg/mL	<b>Silver Purity:</b>	99.99 %
<b>Particle Concentration:</b>	5.5E+08 particles/mL	<b>Particle Surface:</b>	Sodium Citrate
		<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: 4-8 °C away from light. DO NOT FREEZE.