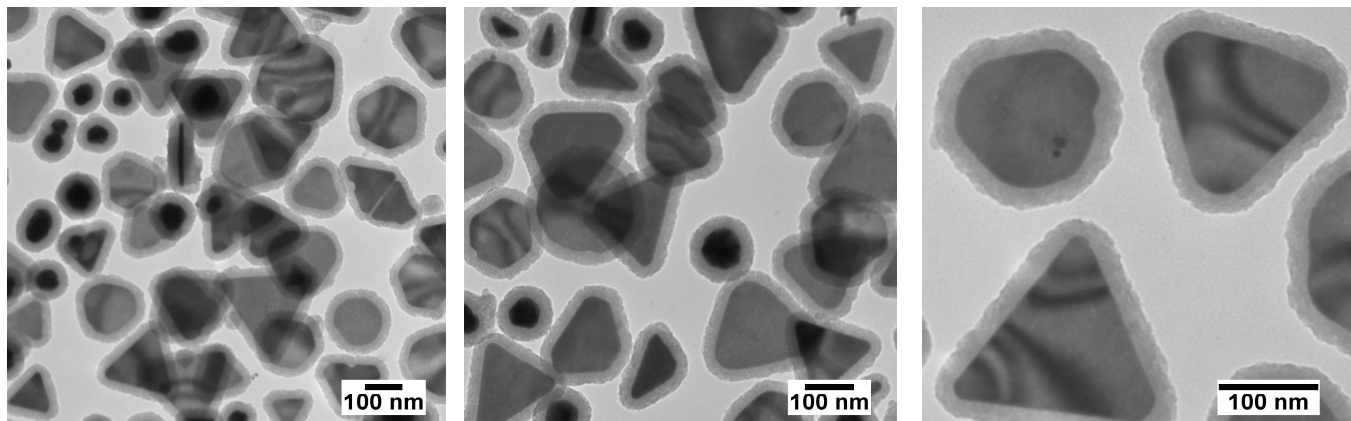


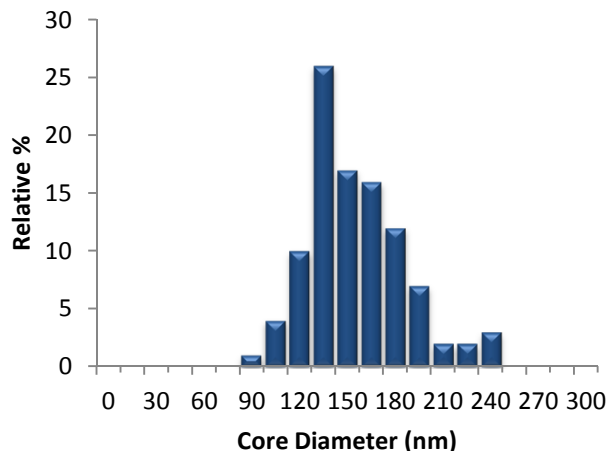
# 1050 nm Resonant Silica Coated Silver Plates

Lot Number: KJW1454A

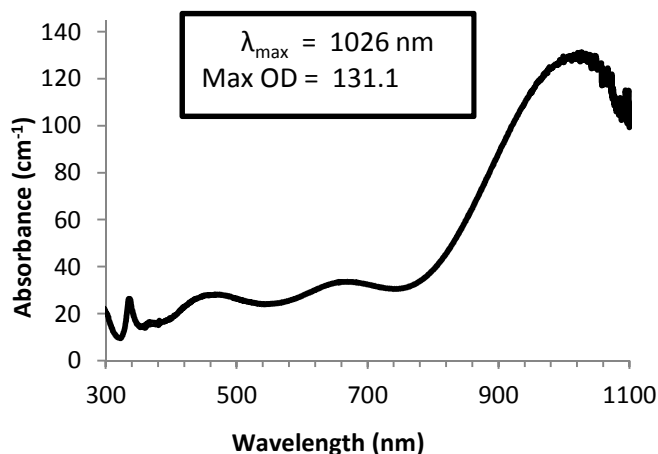
<b>Core Diameter (TEM):</b>	147.7 nm	<b>Mass Concentration (Ag)</b>	1.0 mg/mL
<b>First Standard Deviation:</b>	30.4 nm	<b>pH of Solution:</b>	8.6
<b>Coefficient of Variation:</b>	20.6 %	<b>Particle Surface</b>	Silica
<b>Shell Thickness (TEM):</b>	23.5 nm	<b>Solvent:</b>	10 mM Bicarbonate Buffer
<b>Peak Wavelength:</b>	1026.0 nm		



## 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
<b>Hydrodynamic Diameter/Zeta Potential:</b>	Malvern Zetasizer Nano ZS.

Storage and Handling: 4 °C away from light. DO NOT FREEZE.