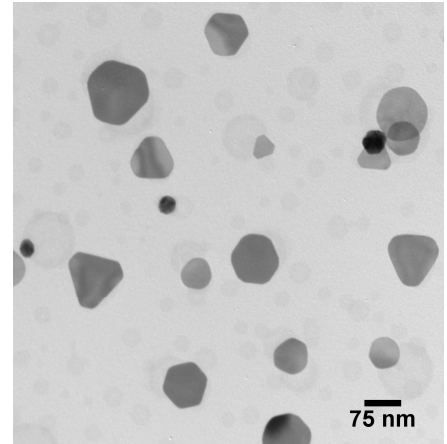
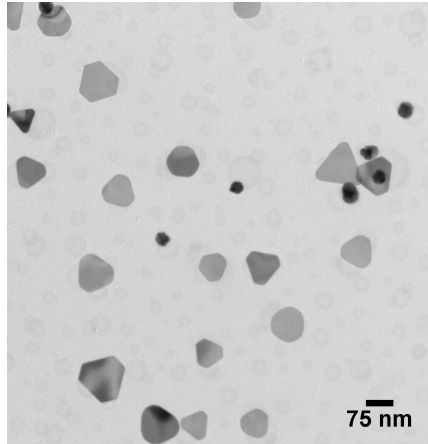
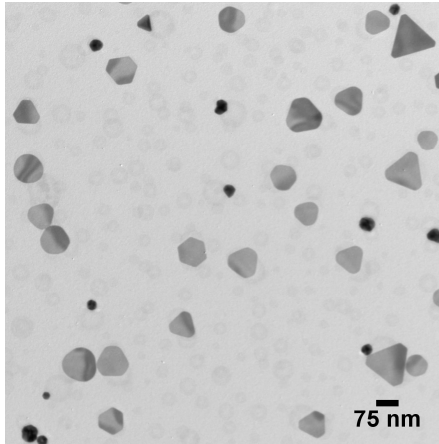


**Silver Nanoplates, Peak Absorance@ 800 nm, PVP, NanoXact™**

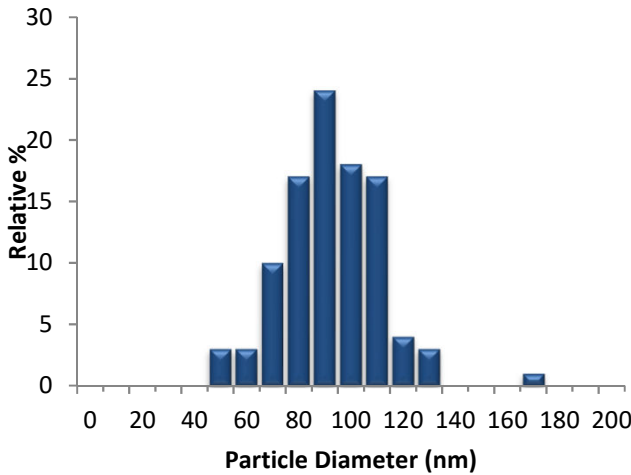
**Product Number: SPPH800**

**Lot Number: KJW1569**

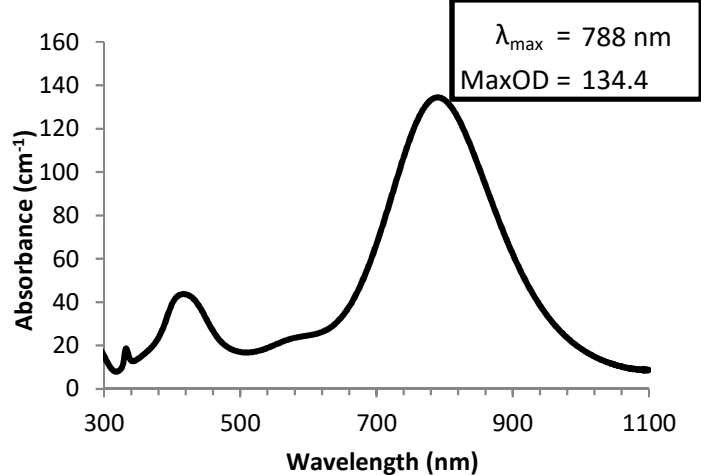
<b>Diameter (TEM):</b>	87 nm	<b>Mass Concentration (Ag):</b>	1.02 mg/mL
<b>First Standard Deviation:</b>	19 nm	<b>pH of Solution:</b>	8.9
<b>Coefficient of Variation:</b>	22 %	<b>Particle Surface:</b>	PVP 40 kDa (Polymer)
<b>Peak Wavelength:</b>	788 nm	<b>Solvent:</b>	Aqueous 5 mM Sodium Borate
<b>% Absorbance at 800 nm:</b>	99.1 %		
<b>OD at 800 nm:</b>	133.3		



**Size Distribution**



**Optical Properties**



**Characterization Instrumentation**

**Diameter and Size Statistics:**  
**Mass Concentration:**  
**Spectral Properties:**  
**pH:**

JEOL 1010 Transmission Electron Microscope; ImageJ  
 Thermo Fisher X Series 2 ICP-MS  
 Agilent 8453 UV-Visible Spectrometer  
 Horiba - Laqua Twin pH Meter

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