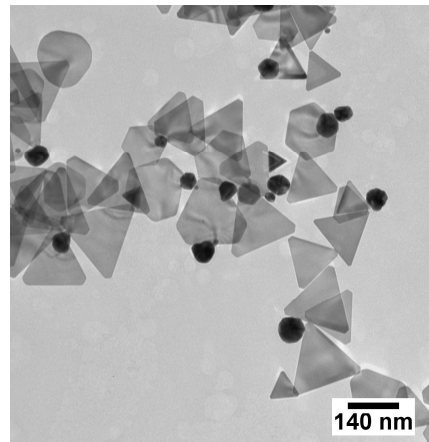
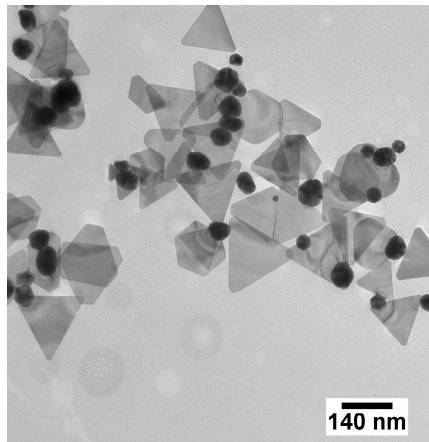
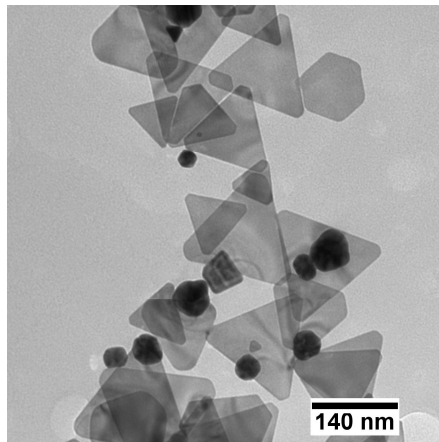


**Silver Nanoplates, Peak Absorance@ 1064 nm, PVP, NanoXact™**

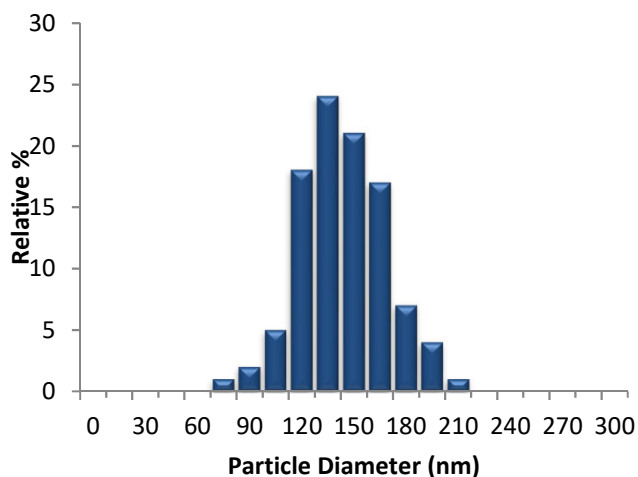
**Product Number: SPPN1064**

**Lot Number: TJC0061**

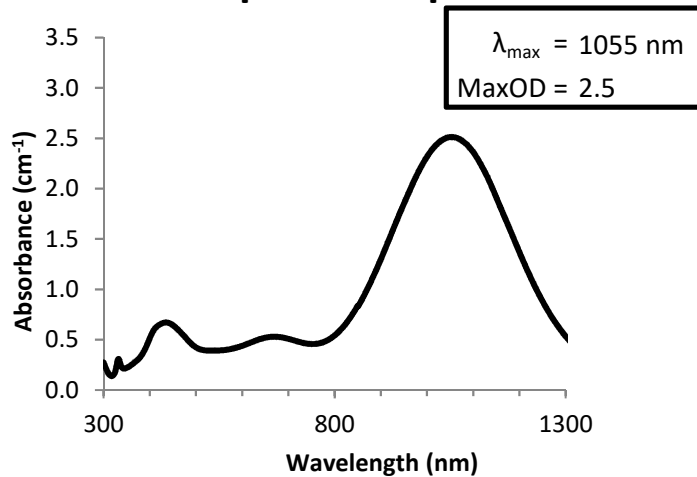
<b>Diameter (TEM):</b>	137 nm	<b>Mass Concentration (Ag):</b>	0.021 mg/mL
<b>First Standard Deviation:</b>	26 nm	<b>pH of Solution:</b>	9.1
<b>Coefficient of Variation:</b>	18.7 %	<b>Particle Surface:</b>	PVP 40 kDa (Polymer)
<b>Peak Wavelength:</b>	1055 nm	<b>Solvent:</b>	Aqueous 5 mM Sodium Borate
<b>% Absorbance at 1064 nm:</b>	99.7 %		
<b>OD at 1064 nm:</b>	2.5		



**Size Distribution**



**Optical Properties**



**Characterization Instrumentation**

<b>Diameter and Size Statistics:</b>	JEOL 1010 Transmission Electron Microscope; ImageJ
<b>Mass Concentration:</b>	Thermo Fisher X Series 2 ICP-MS
<b>Spectral Properties:</b>	Jasco V-670 NIR Spectrophotometer
<b>pH:</b>	Horiba - Laqua Twin pH Meter

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