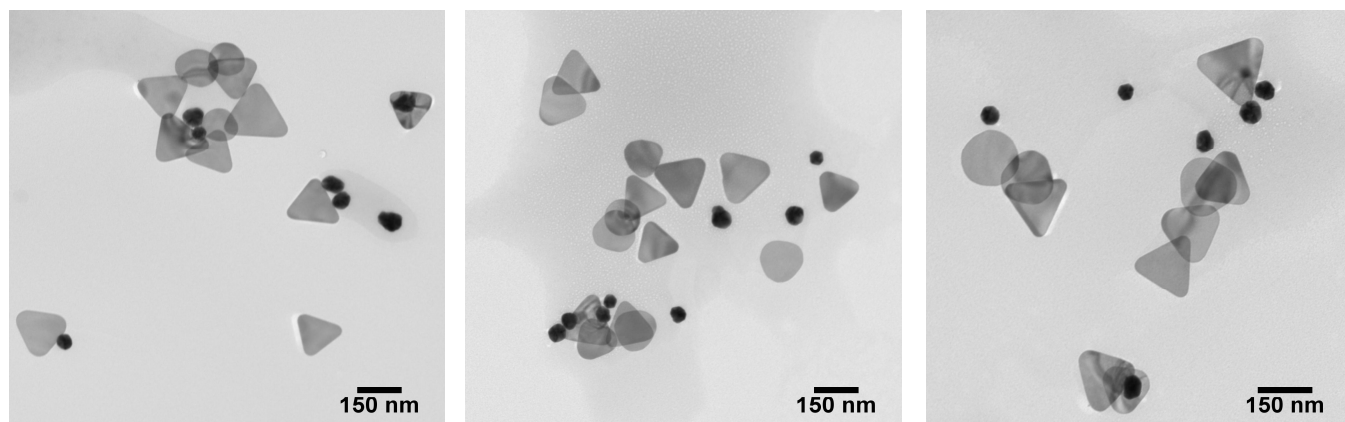


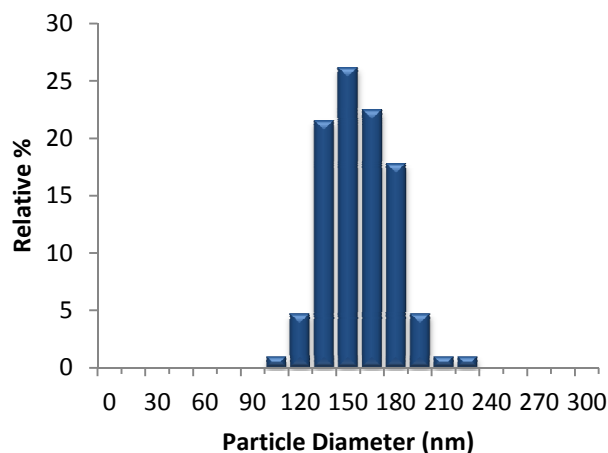
# 1050 nm Resonant PVP NanoXact™ Silver Nanoplates

Lot Number: DMW0162

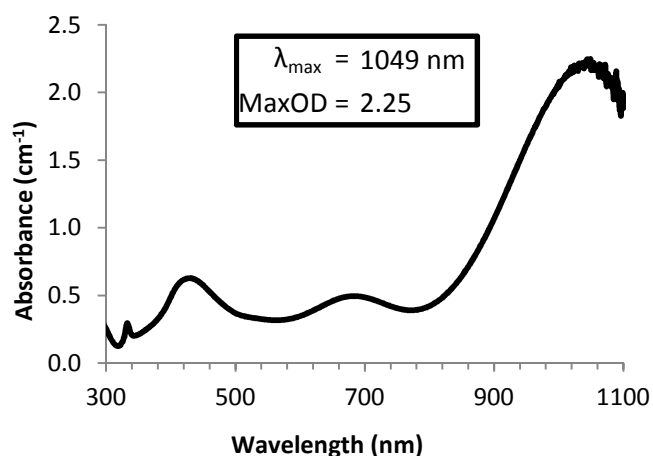
<b>Diameter (TEM):</b>	149.5 nm	<b>Mass Concentration (Ag):</b>	0.021 mg/mL
<b>First Standard Deviation:</b>	20.4 nm	<b>pH of Solution:</b>	8.96
<b>Coefficient of Variation:</b>	13.6 %	<b>Particle Surface:</b>	PVP
<b>Peak Wavelength:</b>	1049 nm	<b>Solvent:</b>	Aqueous 5 mM Borate



## 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.