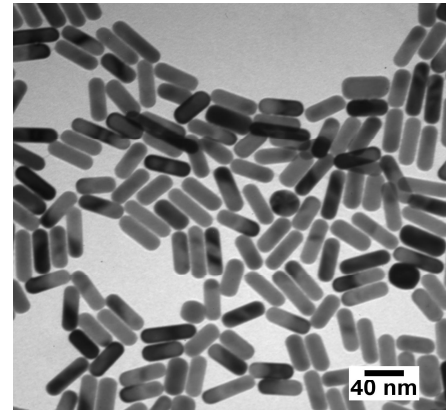
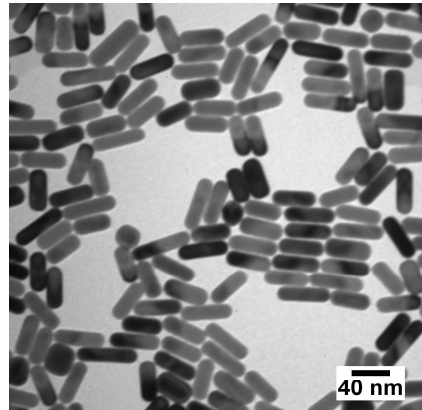
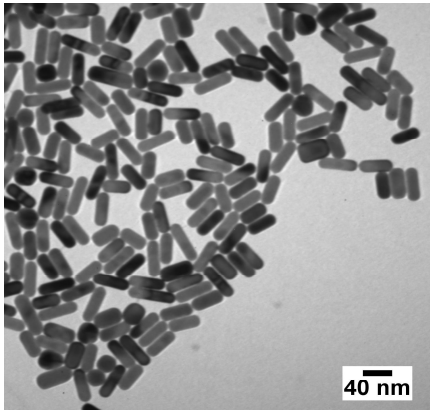


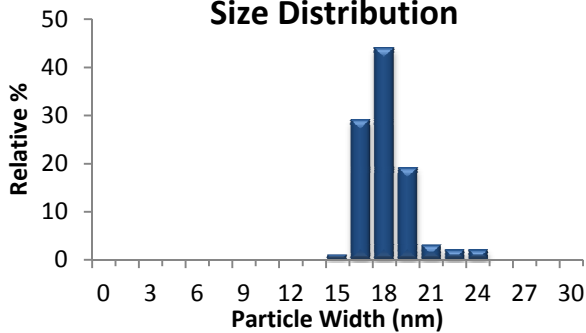
660 nm Resonant Gold Nanorods, PEG-COOH, 50 OD

Lot Number: DMW0396

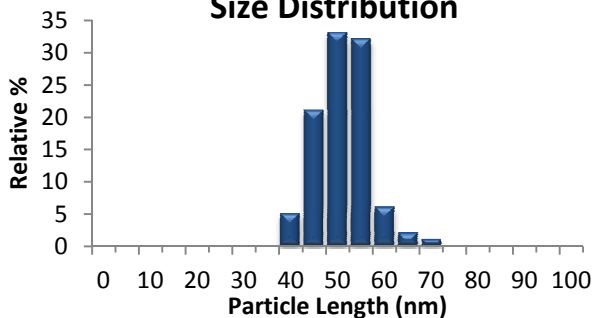
Average Length (TEM):	48.4 ± 5.4 nm	Mass Concentration (Au):	1.6 mg/mL
CV, Length:	11.1 %	Particle Concentration:	1.14E+13 parts/mL
Average Width (TEM):	17.4 ± 1.6 nm	Hydrodynamic Diameter:	7.5 nm
CV, Width:	9.0 %	Zeta Potential:	-49.0 mV
Average Aspect Ratio:	2.8	pH of Solution:	5.6
% Absorbance at 660 nm:	92.0 %	Particle Surface:	PEG-COOH
OD at 660 nm:	51.5	Solvent:	Milli-Q Water



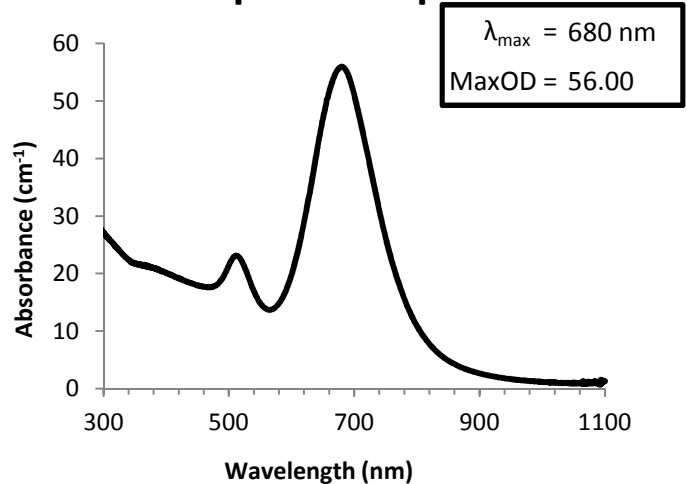
Size Distribution



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage: 4-8 °C. DO NOT FREEZE.