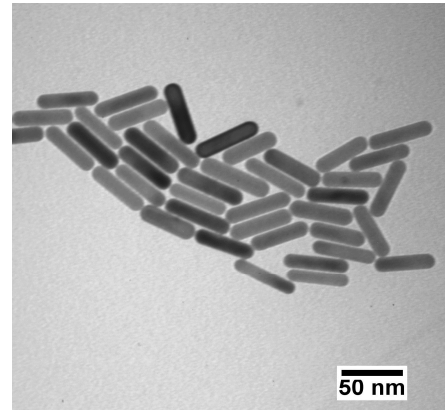
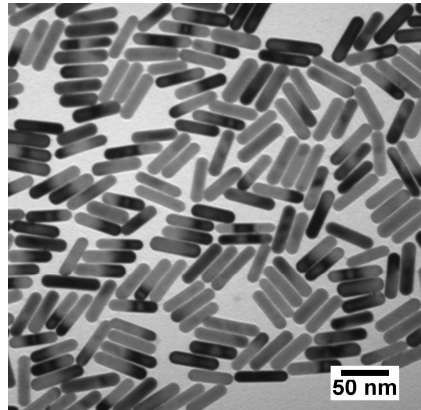
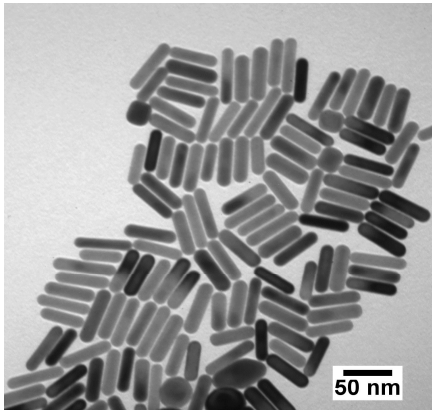


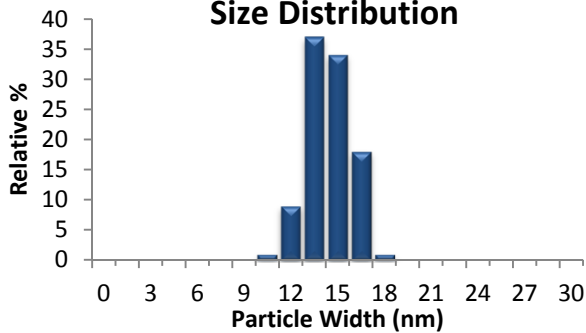
800 nm Resonant Gold Nanorods, PEG-COOH-50 OD

Lot Number: DMW0369

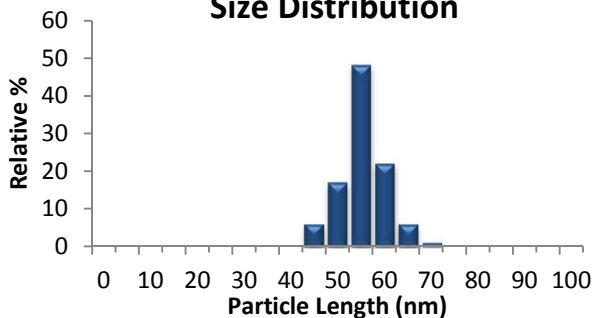
Average Length (TEM):	52.8 ± 4.7 nm	Mass Concentration (Au):	0.82 mg/mL
CV, Length:	8.9 %	Particle Concentration:	7.41E+12 parts/mL
Average Width (TEM):	13.7 ± 1.4 nm	Hydrodynamic Diameter:	4.4 nm
CV, Width:	10.0 %	Zeta Potential:	-37.7 mV
Average Aspect Ratio:	3.9	pH of Solution:	5.8
% Absorbance at 800 nm:	98.3 %	Particle Surface:	PEG-COOH
OD at 800 nm:	52.08	Solvent:	Milli-Q Water



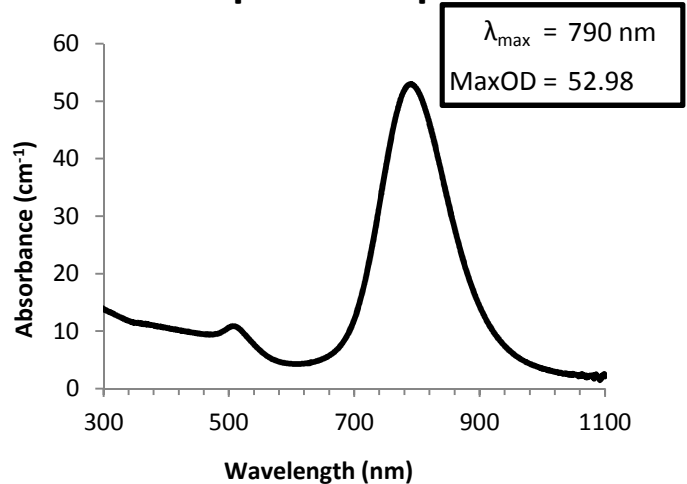
Size Distribution



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.