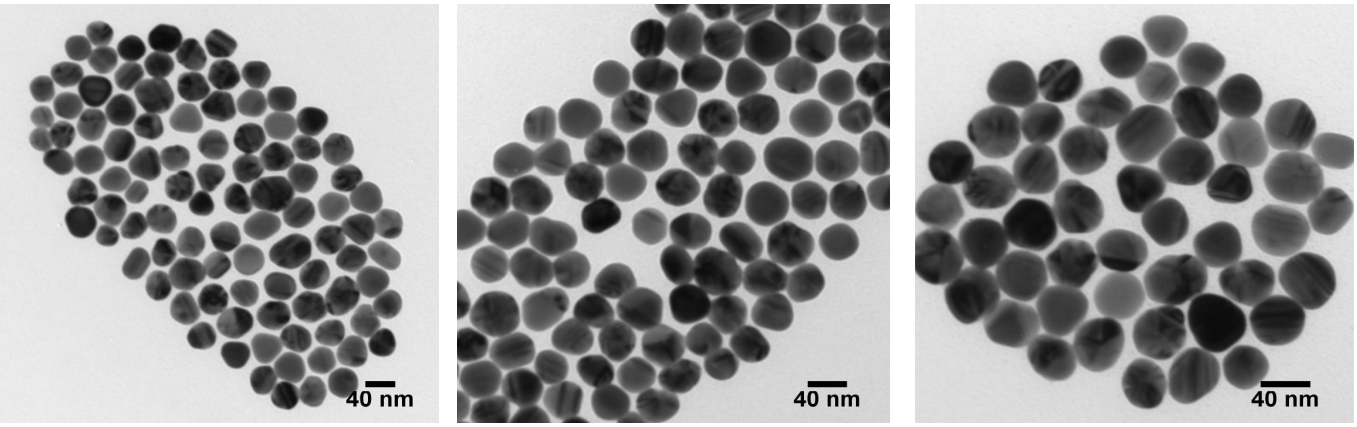
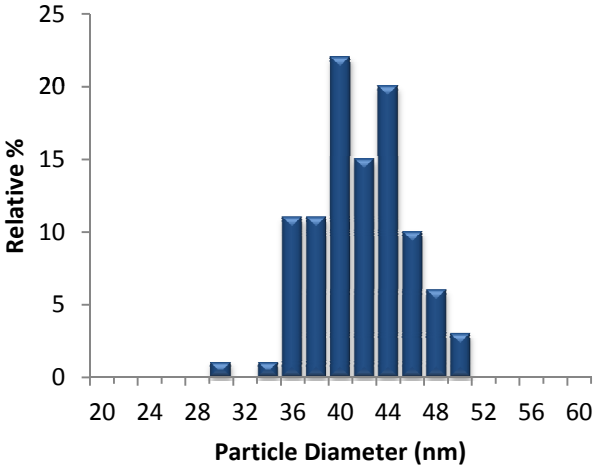
40 nm Silver Nanospheres, PEG, NanoXact™

Lot Number: ECP1459

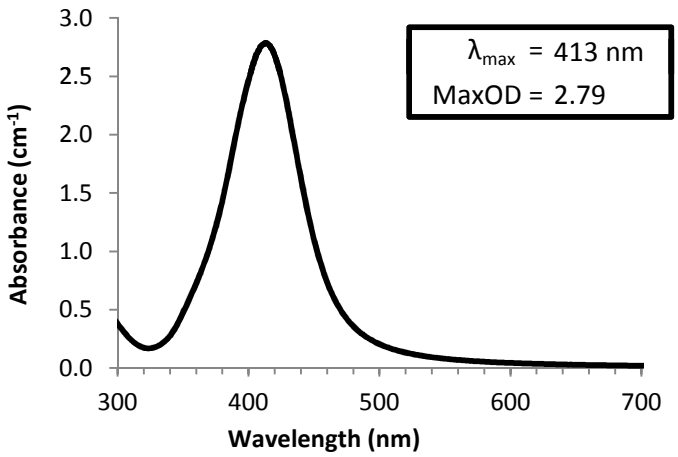
Diameter (TEM):	41 ± 4 nm	**Hydrodynamic Diameter:**	64 nm
Coefficient of Variation:	9.3 %	**Zeta Potential:**	-23 mV
Surface Area (TEM):	13.8 m^2/g	**pH of Solution:**	5.6
Mass Concentration (Ag):	0.021 mg/mL	**Silver Purity:**	99.99 %
Particle Concentration:	5.7E+10 particles/mL	**Particle Surface:**	mPEG 5 kDa
		Solvent:	Milli-Q Water



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

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