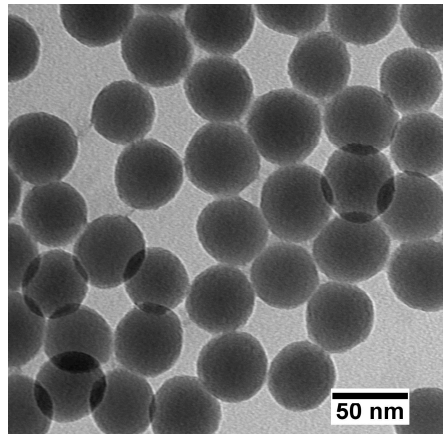
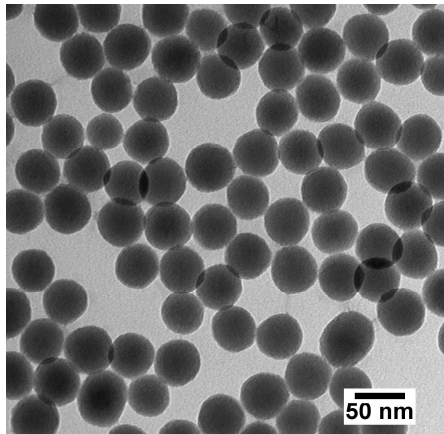
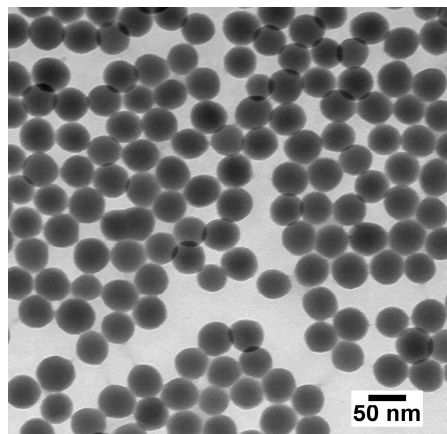


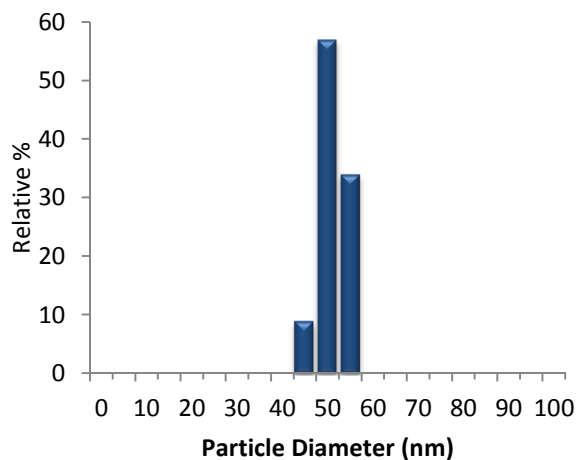
50 nm Silica Nanospheres, Aminated Silica, NanoXact™

Lot Number: HKE0063

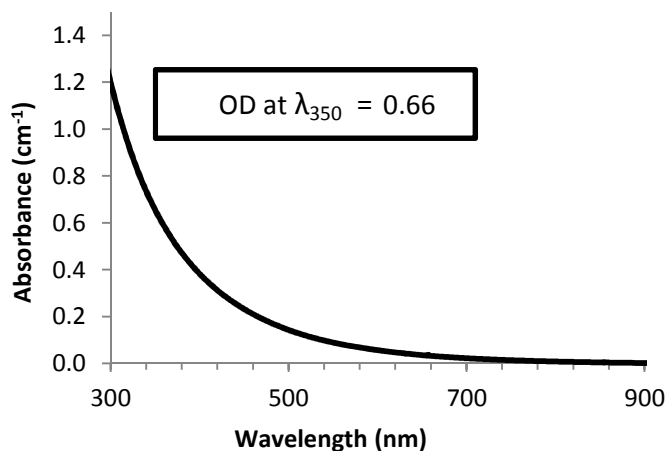
Diameter (TEM):	48 ± 3 nm	Hydrodynamic Diameter:	71 nm
Coefficient of Variation:	6.4 %	Zeta Potential:	50 mV
Surface Area (TEM):	55.9 m ² /g	Zeta pH:	5.55
Mass Concentration (SiO₂)	10.5 mg/mL	Zeta Solvent:	2 mM Acetate
Particle Concentration:	8.0E+13 particles/mL	Particle Surface:	Aminated
		Solvent:	Ethanol



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Gravimetric Analysis- AND HM-202
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Shake vigorously before use. Bath sonicate if needed. Storage: 25°C. DO NOT FREEZE.