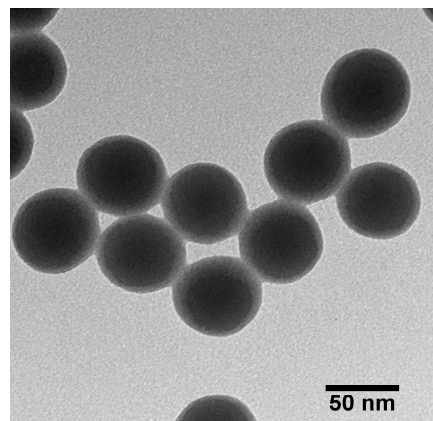
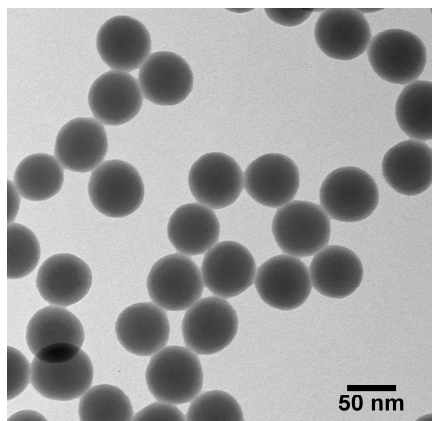
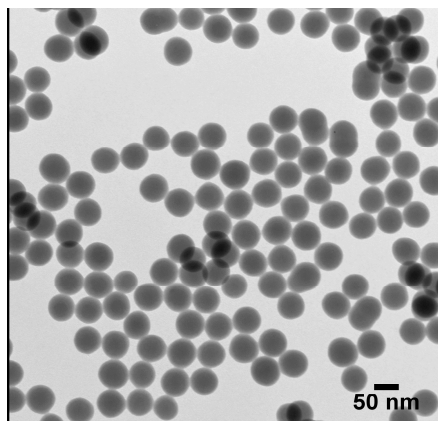


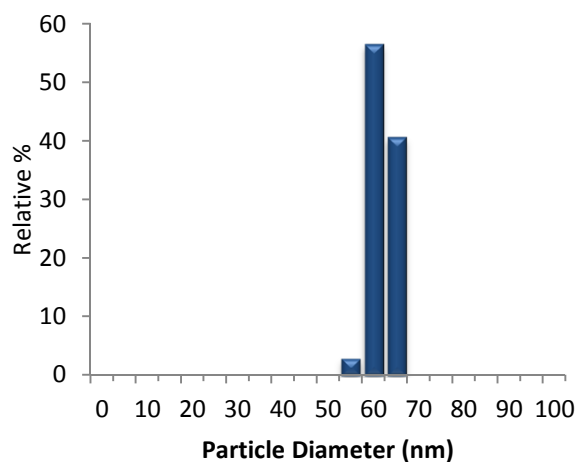
60 nm Silica Nanospheres, Aminated Silica, NanoXact™

Lot Number: SCM0049

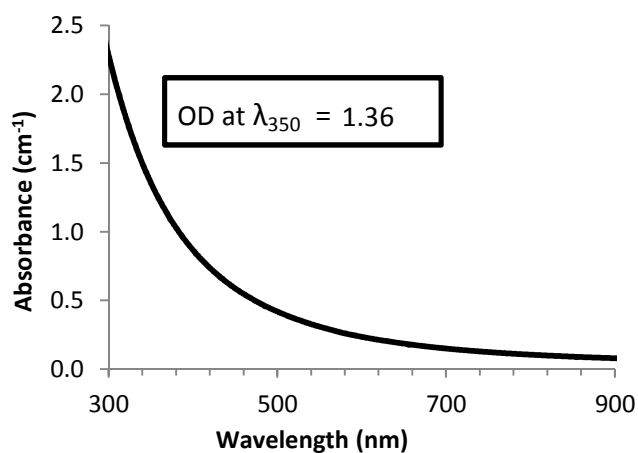
Diameter (TEM):	59 ± 2 nm	Hydrodynamic Diameter:	76 nm
Coefficient of Variation:	3.9 %	Zeta Potential:	52 mV
Surface Area (TEM):	45.9 m ² /g	Zeta pH:	5.97
Mass Concentration (SiO₂)	10.6 mg/mL	Zeta Solvent:	Ethanol/0.1M Acetate Buffer
Particle Concentration:	4.4E+13 particles/mL	Particle Surface:	Aminated
		Solvent:	Ethanol



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

Hydrodynamic Diameter/Zeta Potential:

JEOL 1010 Transmission Electron Microscope

Gravimetric Analysis- AND HM-202

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

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