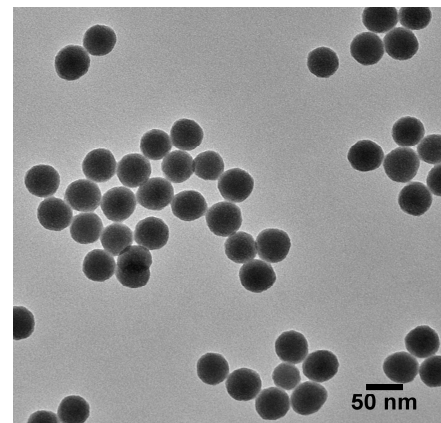
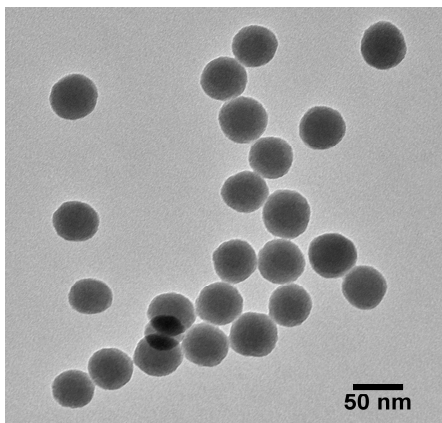
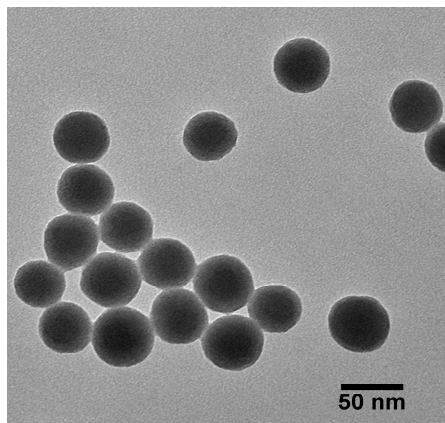


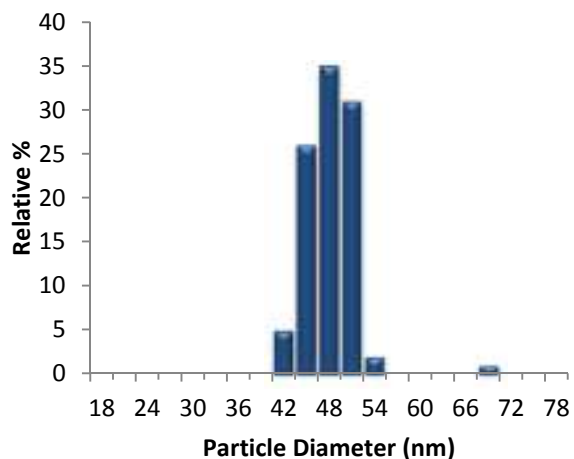
50 nm Silica Nanospheres, Silica, NanoXact™

Lot Number: JEA0293

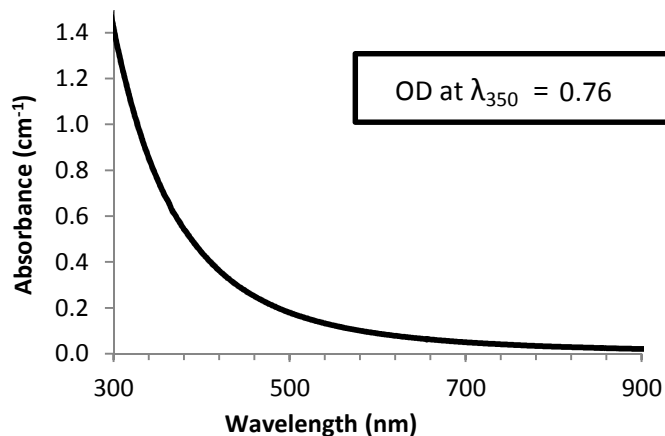
Diameter (TEM):	47 ± 3 nm	Hydrodynamic Diameter:	54 nm
Coefficient of Variation:	6.9 %	Zeta Potential:	-51 mV
Surface Area (TEM):	57.9 m ² /g	pH of Solution:	9.7
Mass Concentration (SiO₂)	10.6 mg/mL	Particle Surface:	Silanol
Particle Concentration:	9.1E+13 particles/mL	Solvent:	Milli-Q Water



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.