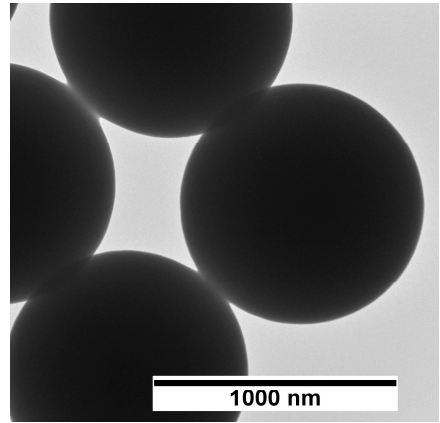
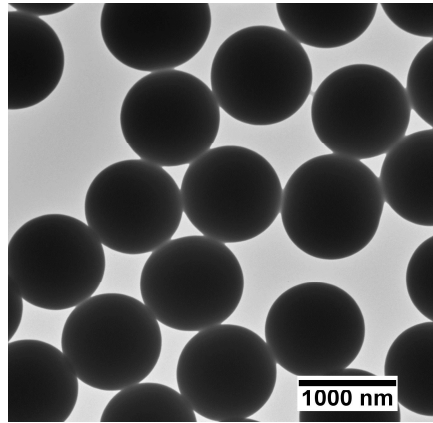
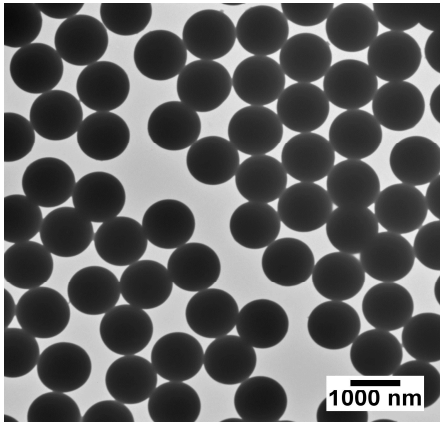


1 μm Silica Nanospheres, NanoXact™

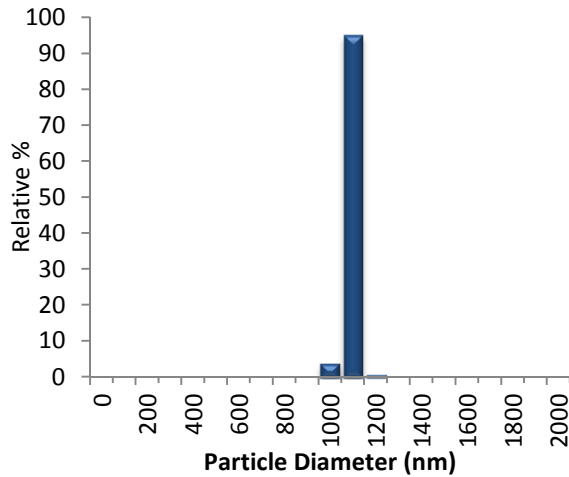
Product Number: SISN1000

Lot Number: JRC0556

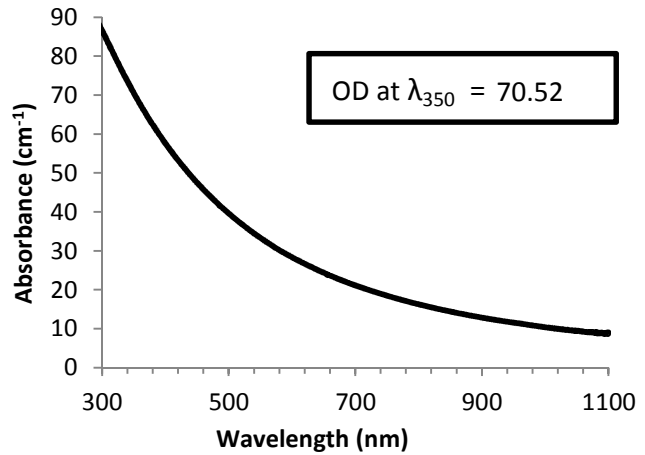
Diameter \pm Std.Dev (TEM):	1030 \pm 22 nm	Hydrodynamic Diameter:	1225 nm
Coefficient of Variation:	2.2 %	Zeta Potential:	-73 mV
Surface Area (Calc'd):	2.6 m ² /g	pH of Solution:	9.5
Mass Concentration (SiO₂):	10.9 mg/mL	Particle Surface:	Silanol
Particle Concentration (Calc'd):	8.6E+09 particles/mL	Solvent:	Milli-Q Water



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
pH:	Horiba - Laqua Twin pH Meter

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