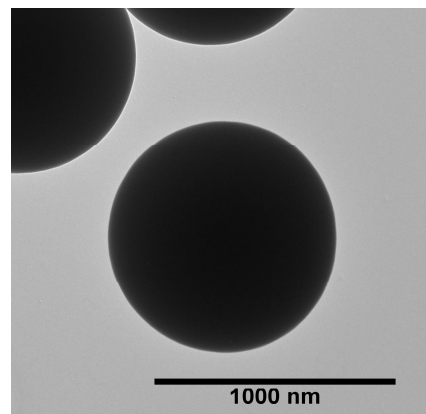
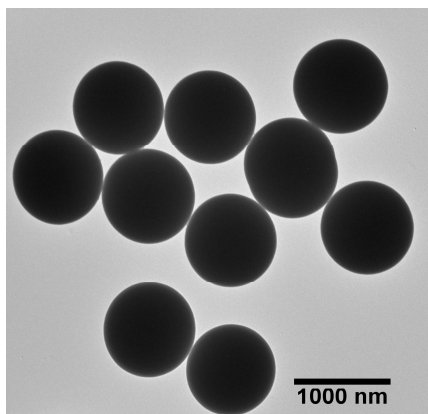
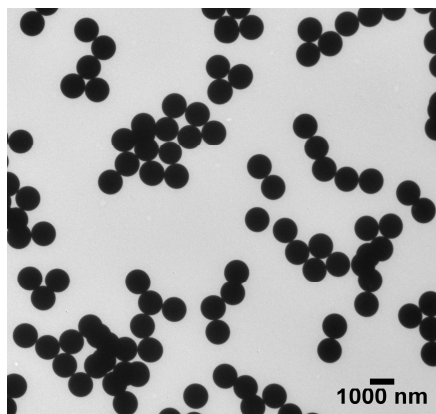


1 μm Silica Nanospheres, Aminated, NanoXact™, Dried

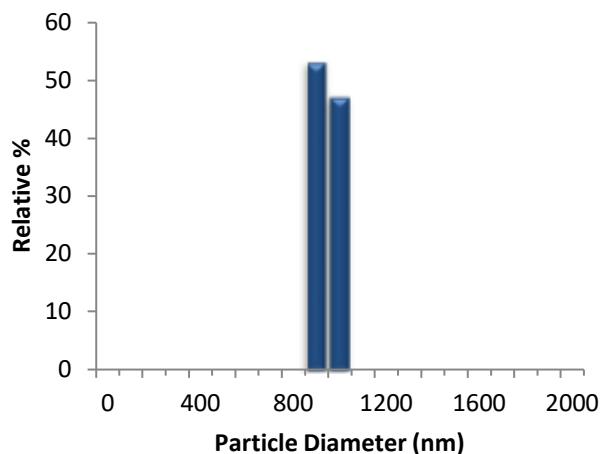
Product Number: SIAD1000

Lot Number: SDC0089-SDC0091

Diameter \pm Std.Dev (TEM)*	998 \pm 21 nm	Particle Form:	Powder
Coefficient of Variation*:	2.1 %	Particle Surface:	Aminated/Cationic
Surface Area (Calc'd):	2.7 m ² /g particles	Mass Concentration (SiO₂):	> 99 %

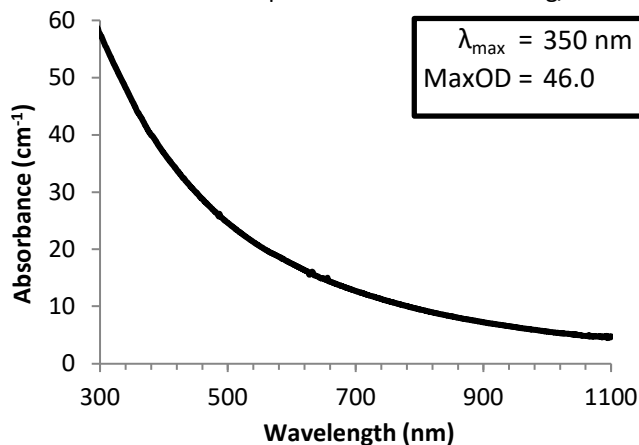


Size Distribution



Optical Properties

When redispersed in ethanol at 12 mg/ml



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope; ImageJ
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer

Storage: Cool and dry place.

DO NOT FREEZE. AVOID INHALATION. Sonicate to resuspend.

Note: Mass listed on vial represents mass of metal/metal-oxide only. See above for total mass details.