

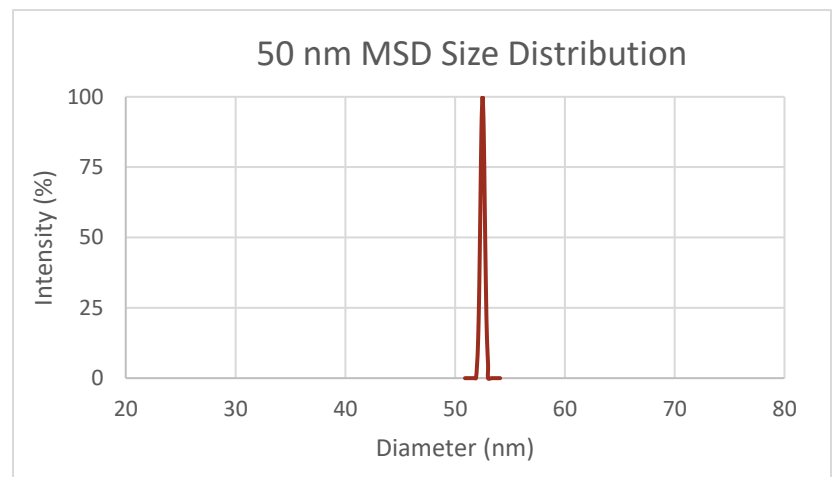
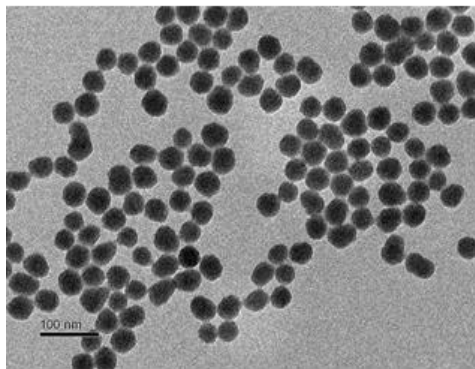


NANOCYTM

50 nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	52.6 + 4 nm
Polydispersity Index	0.025
Coefficient of Variation (%)	6 %
Concentration (counts per second)	320 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



Solutions available in water or ethanol
at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a coefficient of variation <4%.

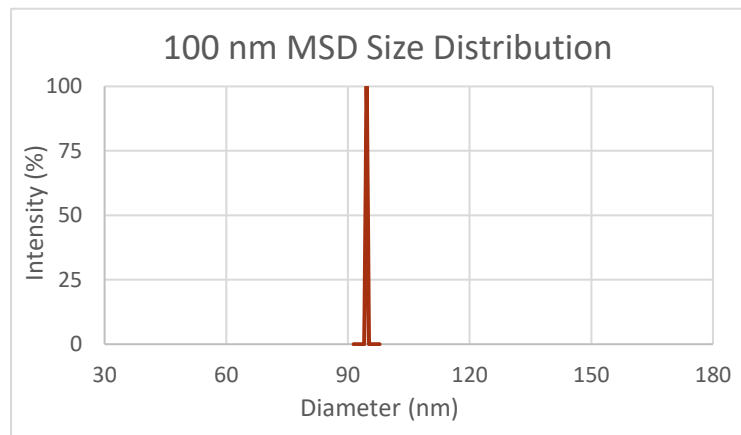
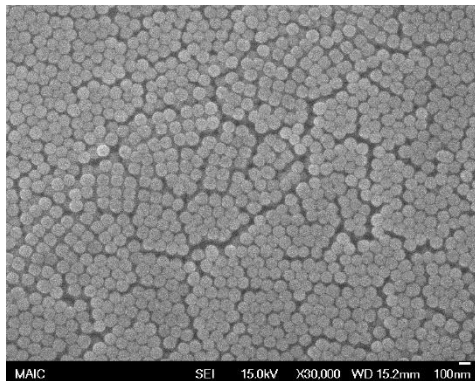


NANOCYTM

100nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	99.0 ± 3 nm
Polydispersity Index	0.010
Coefficient of Variation (%)	3%
Concentration (counts per second)	80kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.4



Solutions available in water or ethanol at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a coefficient of variation <4%.

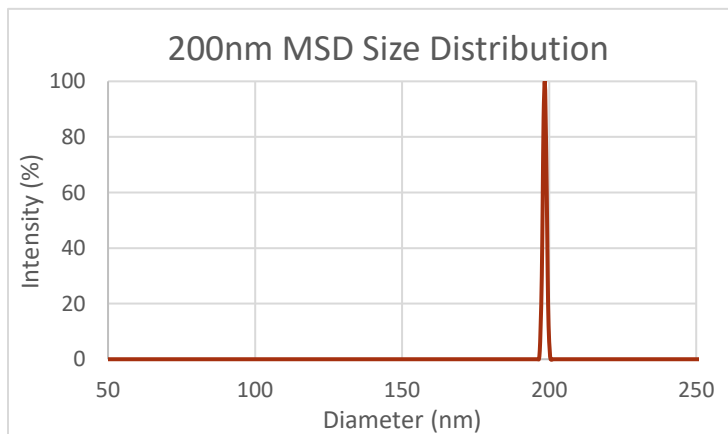
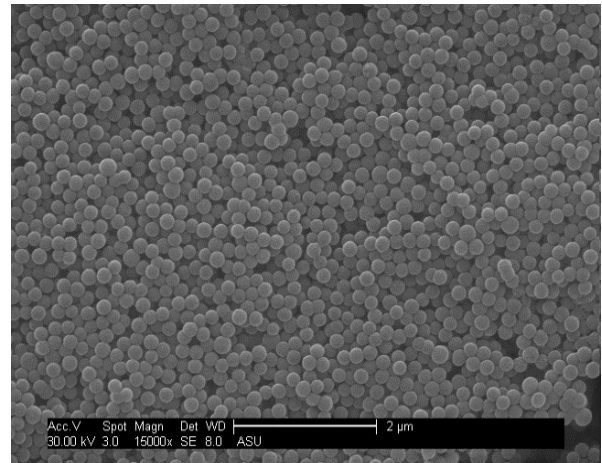
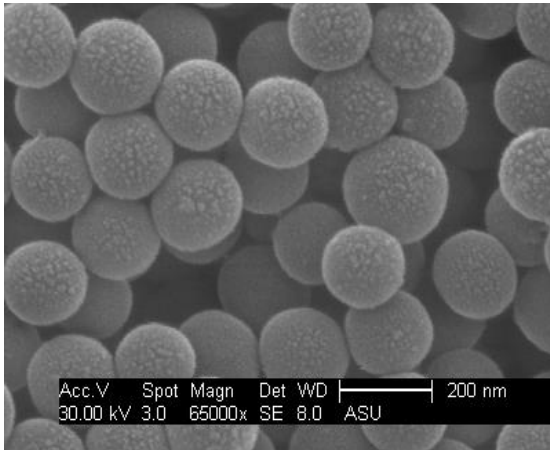


NANOCYTM

200nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	199.2 + 7 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	3 %
Concentration (counts per second)	540 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



Solutions available in water or ethanol at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a coefficient of variation <4%.

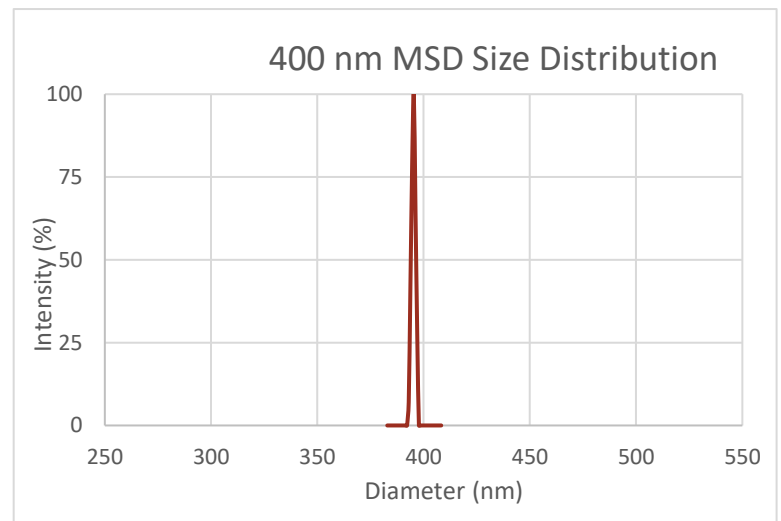
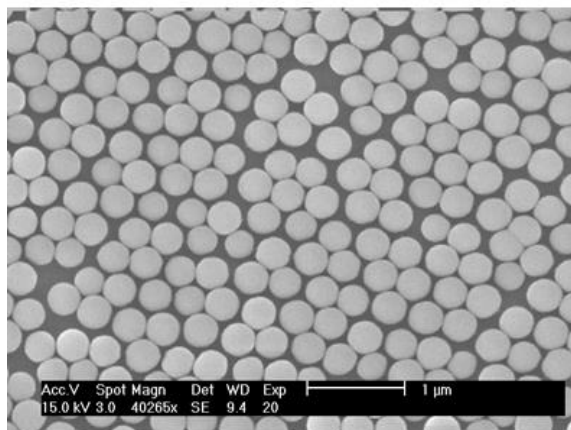


NANOCYTM

400nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	397.4 + 12 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	6 %
Concentration (counts per second)	90 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.1



Solutions available in water or ethanol at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a coefficient of variation <4%.

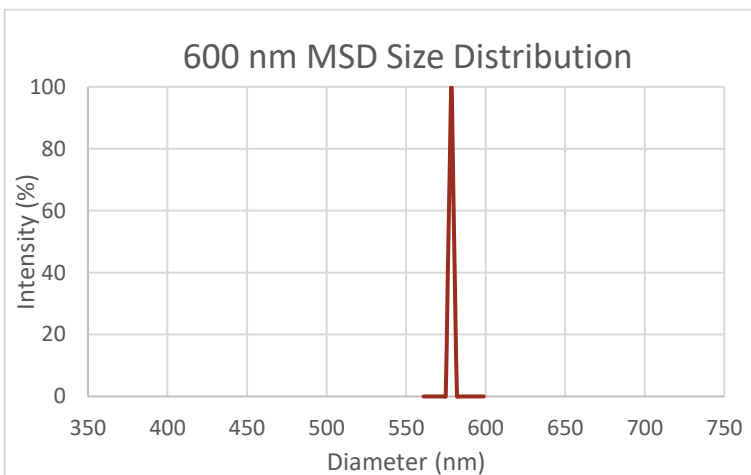
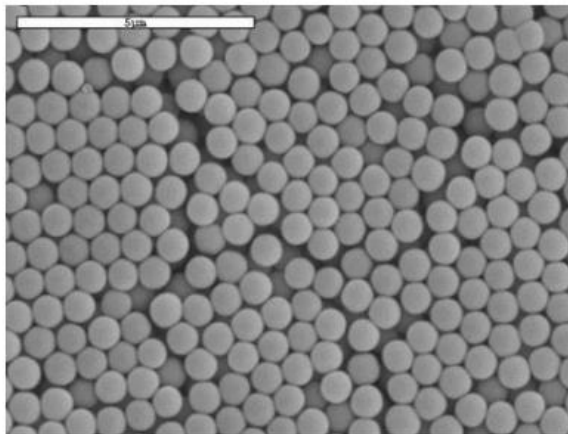


NANOCYTM

600nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	597.1 + 19 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	4 %
Concentration (counts per second)	800 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



Solutions available in water or ethanol at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a coefficient of variation <4%.

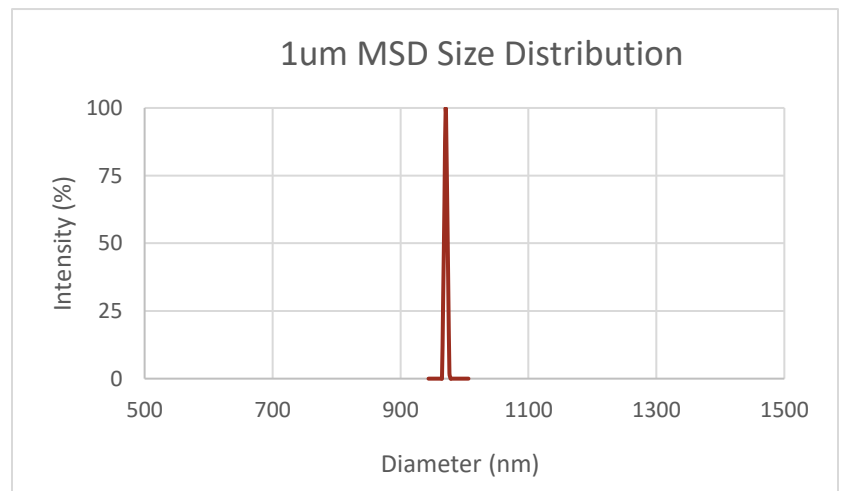
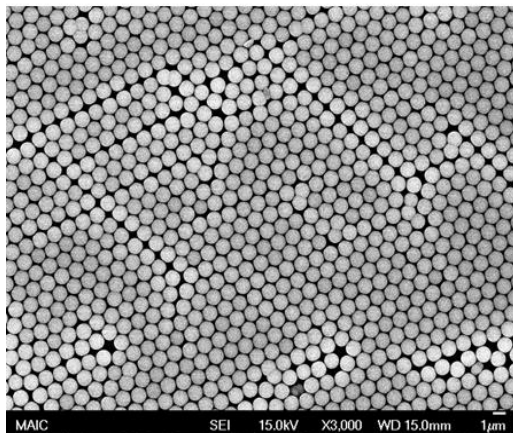


NANOCYTM

1 μm Silica (SiO_2) Microspheres

Particle Characteristics

Effective Diameter (nm)	1015.3 + 38 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	3.5 %
Concentration (counts per second)	325 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	7.8



Solutions available in water or ethanol at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a coefficient of variation <4%.

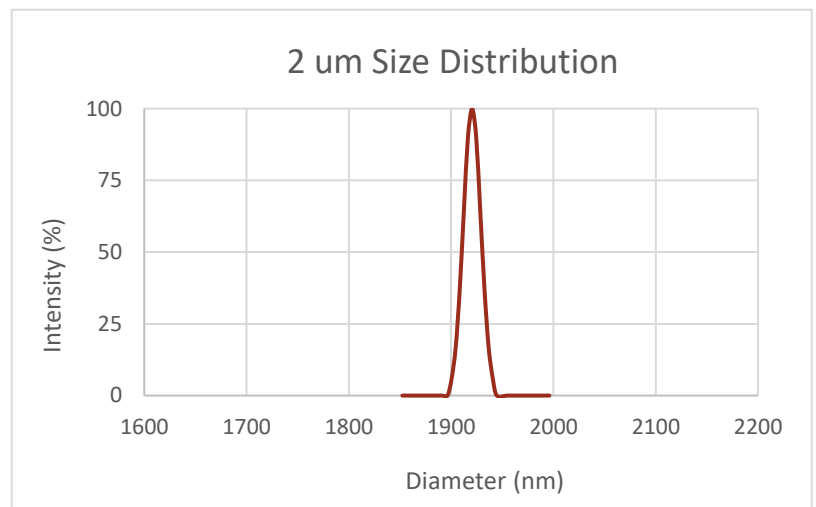
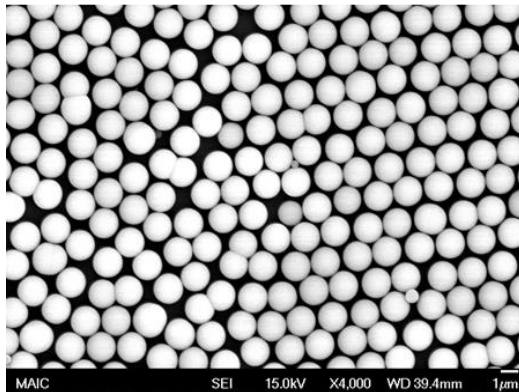


NANOCYTM

2 μm Silica (SiO_2) Microspheres

Particle Characteristics

Effective Diameter (nm)	1990.4 + 80 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	11 %
Concentration (counts per second)	80 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



Solutions available in water or ethanol at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.