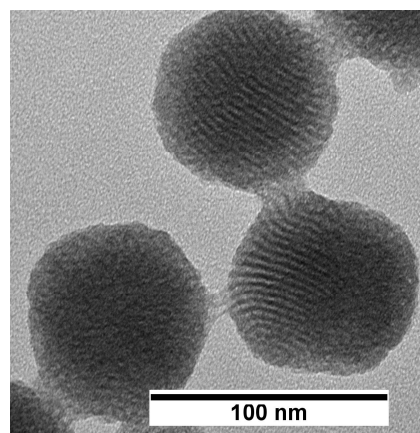
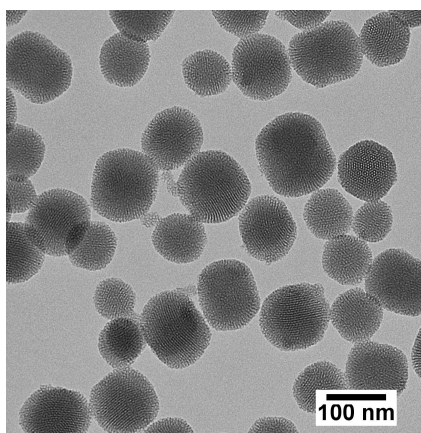
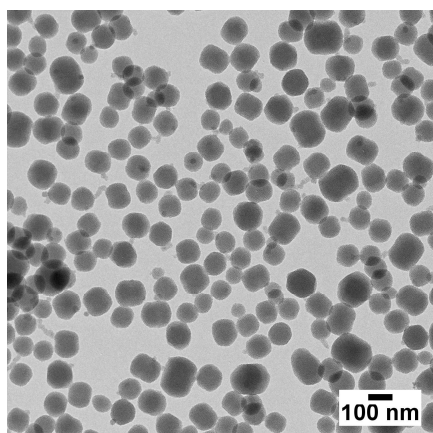


100 nm Mesoporous Silica Nanospheres, Hexagonal, Aminated, NanoXact™, Dried

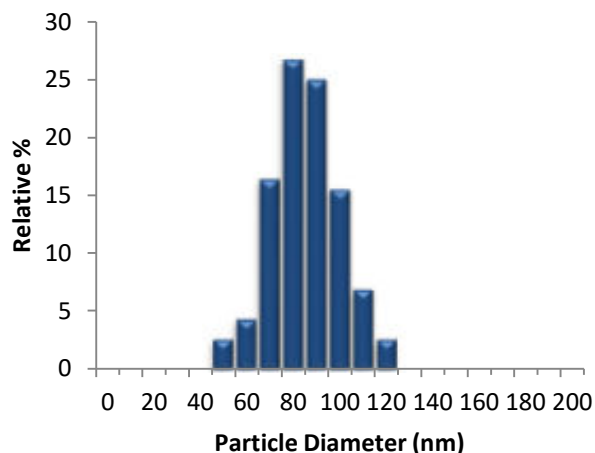
Product Number: SHAD100

Lot Number: MPP0123-SLD0136

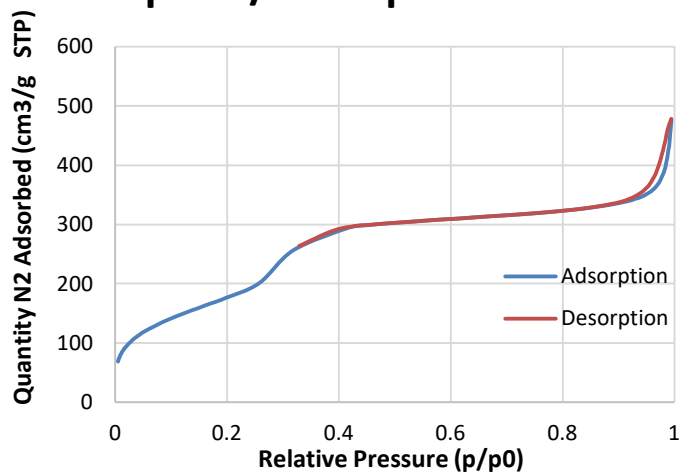
Diameter (TEM):	91 nm	Particle Form:	Powder
Coefficient of Variation:	15.8 %	Particle Surface:	Aminated/Cationic
Surface Area (BET):	667 m ² /g particles	Mass Concentration (SiO₂):	> 99 %
Pore volume (BET):	0.559 cm ³ /g		
Pore diameter (BET):	3.18 nm		



Size Distribution



Adsorption/Desorption Isotherm



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope; ImageJ
Mass Concentration:	AND HM-202 Analytical Balance (Gravimetric Analysis)
Nitrogen adsorption (BET):	Micromeritics Tristar II

Shipping and 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.