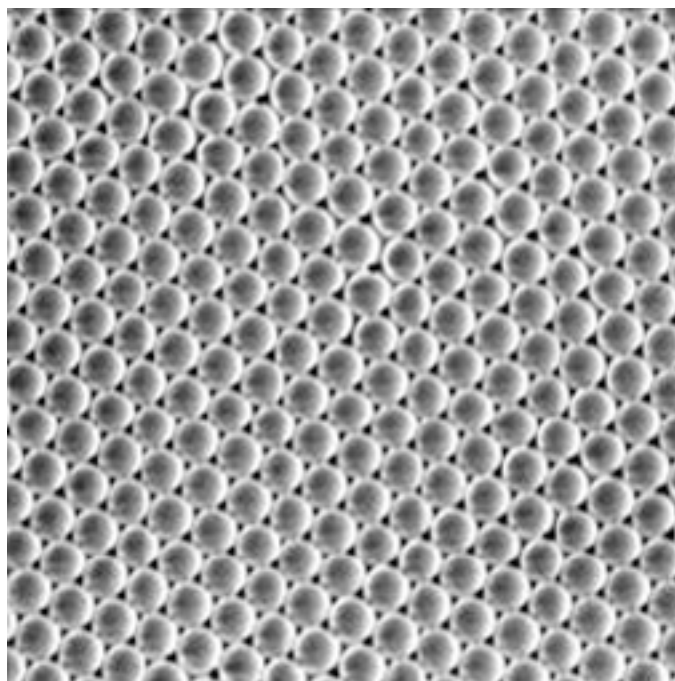


POLYSTYRENE NANOPARTICLES

Description: Polystyrene nanoparticles are synthesized through using an optimized polymerization process that results in highly monodispersed particles with high yield and quality. Sciventions polystyrene nanoparticles are negatively or positively charged, with particle size distribution <5% of mean diameter, and they can readily be suspended in water with concentration of 5 % w/v.

They are ideal for light scattering experiments in the visible and IR regimes [1], medical diagnostics [3,4], chromatography [5,6], enzyme immobilization [7,8] and drug delivery [9] and self assembly and nanosphere lithography [10]. Sciventions polystyrene nanoparticles are individually characterized to ensure quality and consistency. Please select your product from the drop down menus below.

Material:	Polystyrene
Particle shape	Spherical
Charge	Positive (amine) or Negative (sulphate)
Particle Size	150 nm – 500 nm
Polydispersity	< 5 %
Physical Form	Aqueous solution
CAS Number	9003-53-6



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