



Description


Create magnetite nanoparticles through a precipitation reaction, while employing a surfactant to create a colloidal suspension of magnetite nanoparticles (ferrofluid).


Understand the definition of nanotechnology as it applies in current usage. Learn of one nanomaterial, ferrofluid, and some of its applications in modern technology.

Then examine the response of ferrofluid when exposed to a magnetic field.
Teaching notes included.


Class size: 15 students.

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