Polymer encapsulation effects on the magnetism of EuS nanocrystals

Angela S. Pereira, Protima Rauwel, Mário S. Reis, Nuno J. O. Silva, Ana Barros-Timmons, Tito Trindade

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SUPPORTING INFORMATION

Powder XRD patterns of the EuS/PS nanocomposite (dotted line) and the EuS nanocrystals (full line).

FT-IR spectrum of a EuS/PS nanocomposite sample.

FT-IR spectrum of OA capped EuS nanocrystals.
TEM image of a sample obtained after polymerization of styrene in the presence of EuS nanocubes.

Histograms of EuS nanospheres as prepared and in the polystyrene nanocomposite (measurements were performed on TEM images)