Supplementary Material (ESI) for Journal of Materials Chemistry

Electronic Supporting Information

Ternary Heterostructured Phosphide Nanoparticles: MnP@InP

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Table S1. EDS results on MnP@InP nanoparticle samples prepared at different shell-growth temperatures using 1:0.5 mole ratio via the one-pot synthesis.

Temperature °C	Time h	Mn (atomic%)	In (atomic%)	P (atomic%)	Mn:In observed
180	3	48.59	2.72	48.69	1:0.055
220	4	38.03	0.96	52.96	1:0.025
260	3	18.01	9.68	62.71	1:0.53

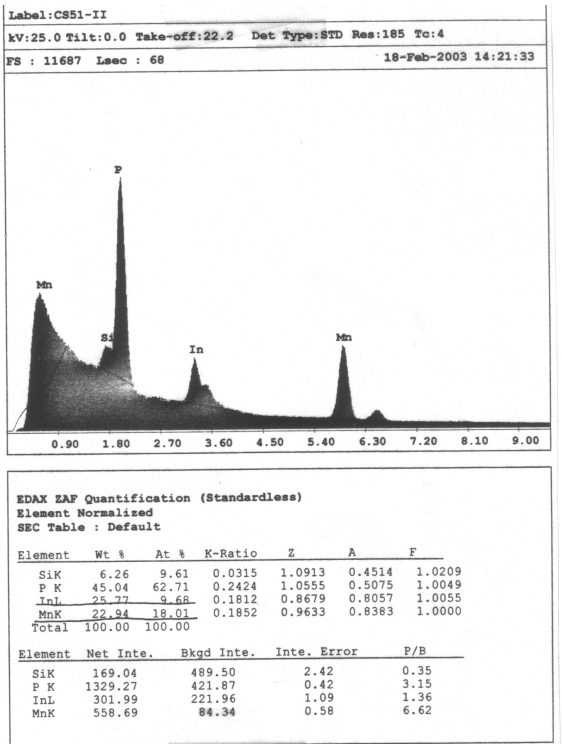

Fig. S1. EDS spectrum and data for sample prepared at 260 ºC in Table S1.

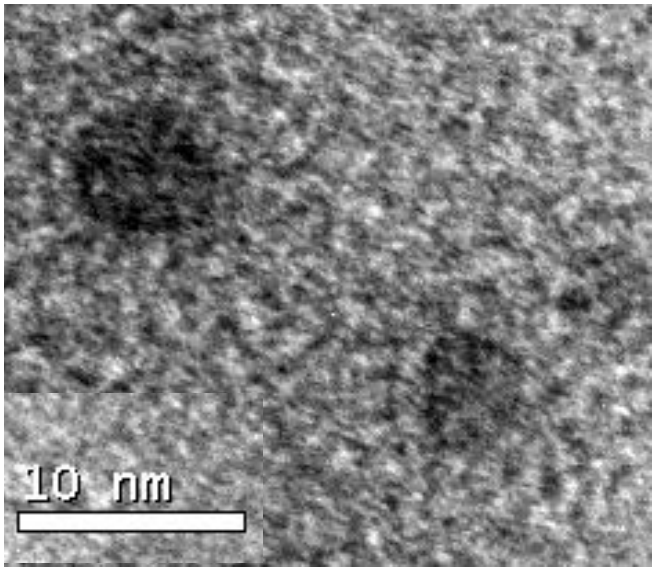

Fig. S2. HRTEM image of MnP@InP nanoparticles prepared *via* a-two-pot synthesis using a 1:1 ratio of Mn:In and an overcoating temperature of 260 ºC (1 hr)