Supporting Information

Application of hydrophobically modified water-soluble polymers for the dispersion of hydrophobic magnetic nanoparticles in aqueous media

Zacharoula Iatridi¹, Violetta Georgiadou², Melita Menelaou², Catherine Dendrinou-Samara²* and Georgios Bokias¹*

¹. Department of Chemistry, University of Patras, GR-26504 Patras, Greece
². Department of Chemistry, Aristotle University of Thessaloniki, GR-54124 Thessaloniki, Greece

*Corresponding Authors
C. Dendrinou-Samara, Phone (+30) 2310-997876; Fax (+30) 2310-997876; E-mail samkat@chem.auth.gr
G. Bokias, Phone (+30) 2610-997102; Fax (+30) 2610-997122; E-mail bokias@upatras.gr
**Fig. S1.** GPC traces of P(MAA-co-DMA) copolymers in THF.

**Fig. S2.** ZFC/FC measurement
Fig. S3. FT-IR spectra of DMSA and CoFe$_2$O$_4$@DMSA MNPs.