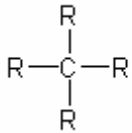
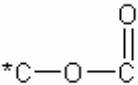
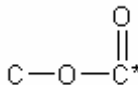

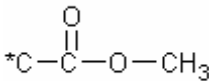

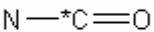


## **Supporting Information**

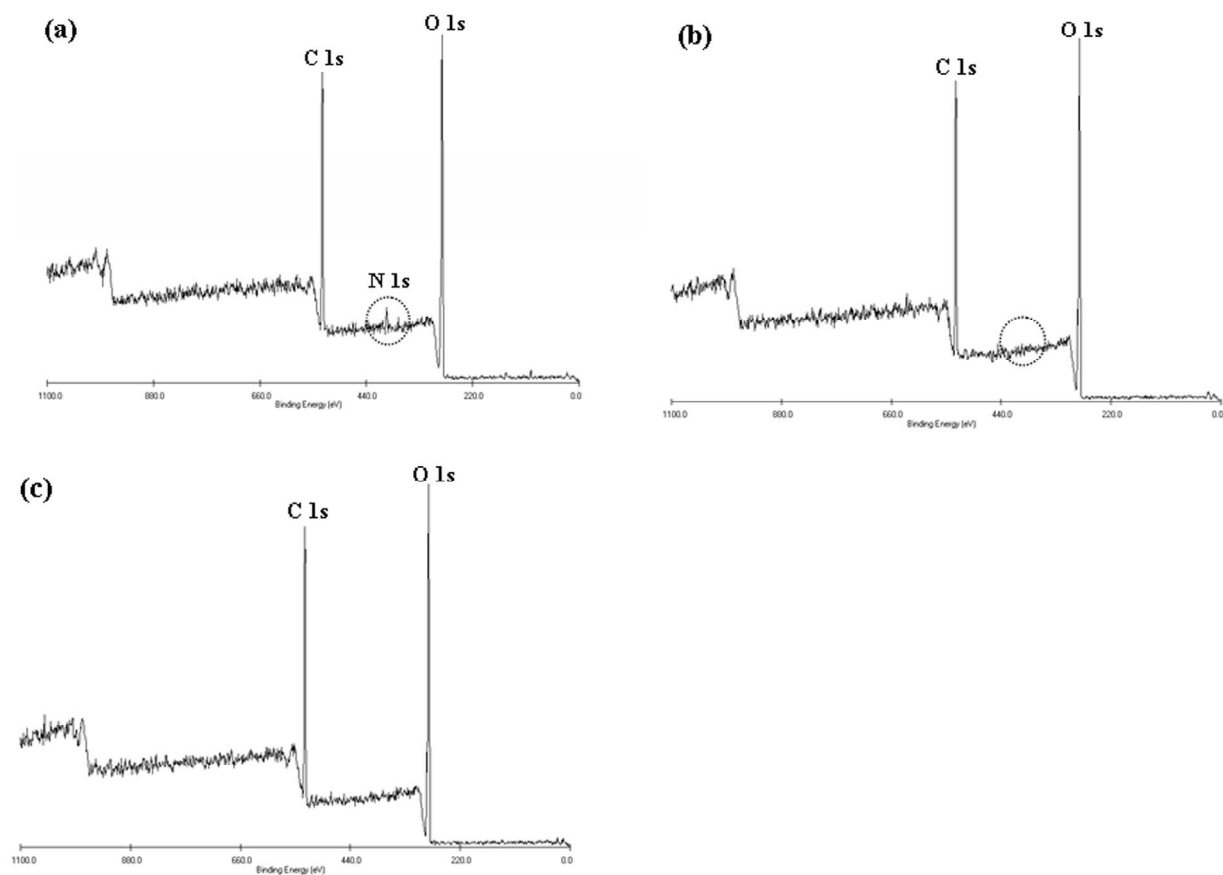
**Title: Preparation of Bovine Serum Albumin Surface-Imprinted Submicron Particles with Magnetic Susceptibility through Core-Shell Miniemulsion Polymerization**

**Authors: Chau Jin Tan, Hong Gap Chua, Kwee Hong Ker, and Yen Wah Tong**

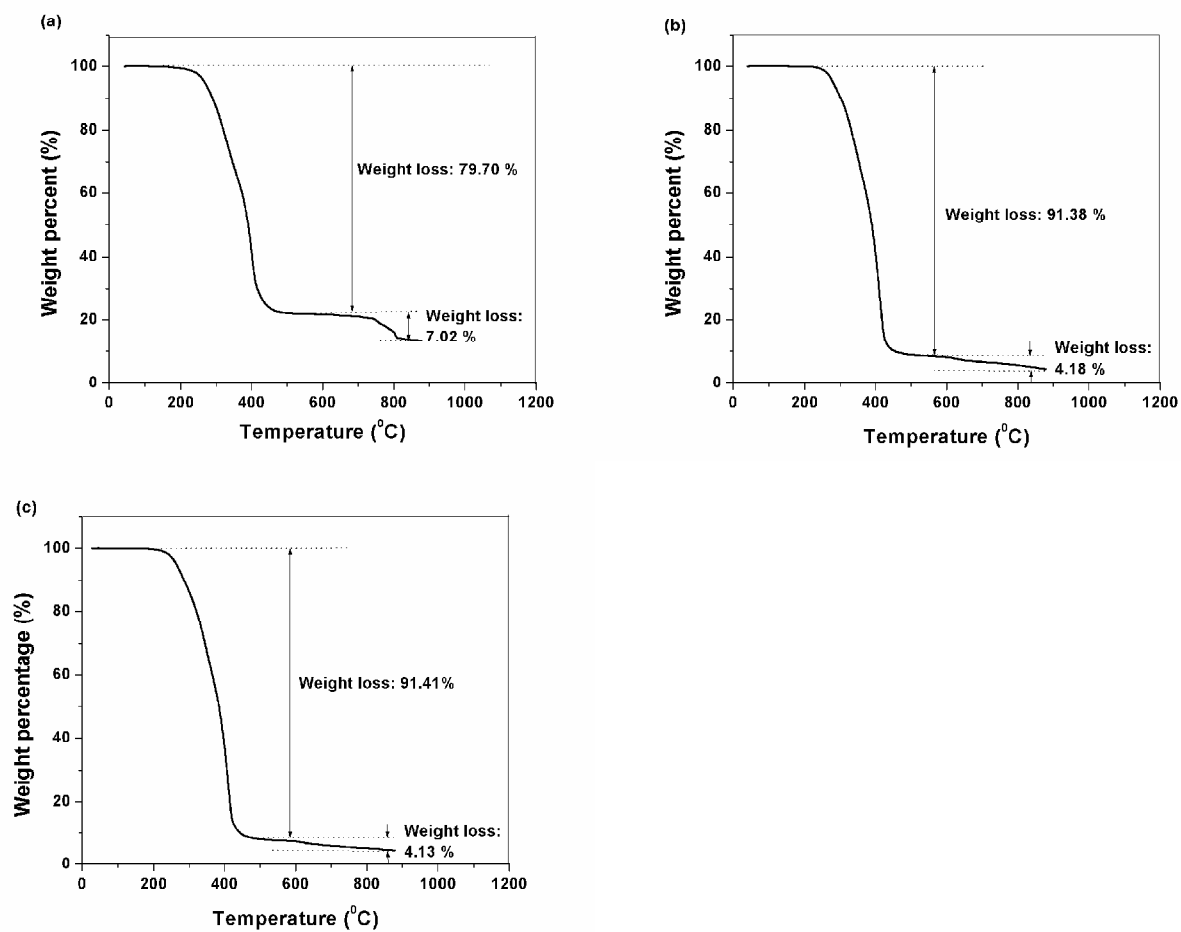
**Table S1.** XPS analysis of the deconvoluted C1s peaks at each surface modification stage.

	Before modification		After aminolysis		After aldehyde functionalization	
	ER <sup>a</sup> (%)	TR <sup>b</sup> (%)	ER (%)	TR (%)	ER (%)	TR (%)
	44.0	40.0	58.4	50.0	57.4	54.6
	19.9	20.0	10.8	0.0	15.7	0.0
	14.6	20.0	8.7	0.0	13.0	0.0
	-	-	-	-	3.4	9.1
	21.5	20.0	-	-	-	-
	-	-	14.2	33.3	10.4	27.2
	-	-	7.9	16.7	0.1	9.1

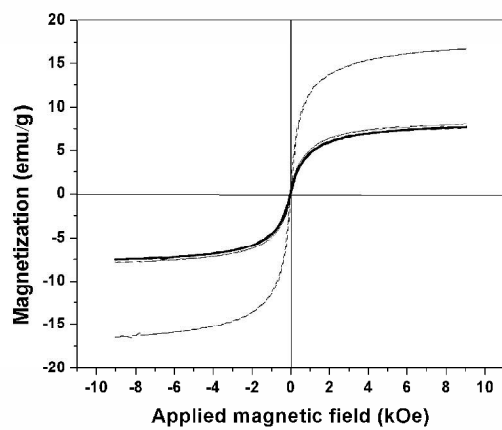
<sup>a</sup>Experimental ratio. <sup>b</sup>Theoretical ratio.



**Figure S1.** XPS wide scan spectra of (a) support core beads after protein immobilization; (b) iMIP particles after template removal by alkaline hydrolysis; (c) iNIP particles.



**Figure S2.** TGA thermogram of (a) the support core beads; (b) the iMIP particles; (c) the iNIP particles.



**Figure S3.** The VSM magnetization curves for the core (---,  $S = 16.6$  emu/g), iNIP (—,  $S = 8.0$  emu/g) and iMIP (—,  $S = 7.6$  emu/g) particles.