Table S1. Immobilization of lipase on PANI/Ag/GO after optimizing all conditions

Enzyme loaded (X) (U)	Enzyme activity in washes (Y) (U)	Enzyme activ Theoretical (X-Y)=(A)	ity bound to l Actual (B)	PANI/Ag/GO-NC Effectiveness factor (η)=(B/A)	Immobilization yield (%) (B/A x 100)	
7	0.4	6.6	6.2	0.94	94	

Each value represents the mean for three independent experiments performed in triplicates, with average standard deviations, < 5%.