

Supplementary Table 3: Dissolution buffers and volume required, USP apparatus (baskets or paddles), rotational speed, analysis method for each co-encapsulated medicine tested.

Drug name	USP apparatus & Speed	Dissolution Buffer, Volume (mls) & Temp	Sampling times	Analysis Method
Rifinah 300/150mg (Sanofi Aventis , Brindisi, Italy)	I @ 100rpm	0.1 N HCl, 900	10,15,30,45,60, 90, 120	UV 475 nm
Amlodipine Besylate 5mg (Green Stone, NJ, USA)	II @ 75rpm	0.01N HCl, 500	10,15,30, 45	365 nm (due to blue capsule)
Metformin HCl 500mg (Teva, USA)	II @ 50rpm	Phosphate buffer PH 6.8, 1000	10,15, 20, 30, 35	UV vis
Lisinopril (Sandoz, NJ, USA)	II @ 50rpm	0.1N HCl, 1000	10,15,20,30,45	UV vis
Hydrochlorthiazide 25mg (Heritage, NJ, USA)	II @ 100rpm	0.1N HCL 900mls	15, 30, 45, 60, and 75	UV vis
Losartan 100mg (TevaUSA, PN, USA)	II @ 50rpm	purified water, 900mls	10, 15, 20, 30, 45	UV vis
Glipizide 5mg (Apotex, Toronto, Canada)	II @ 50rpm	Simulated gastric intestinal fluid, 900mls	10, 20, 30, 45, 60	UV vis
Atorvastatin	II @ 75rpm	0.05M Phosphate buffer pH 6.8 900mls;	5,10, 15, 30 and 45;	HPLC