Table 1. Characteristics of formulations (Mean ± SD, n=3)

Formulations	Encapsulation efficiency (%)	Particle size(nm)	PDI
Un-coated liposomes	83±4.3	193±3.3	0.41±0.0
0.05% chitosan coated liposomes	78±4.6	345±4.6	0.54±0.0
0.1% chitosan coated liposomes	81±3.9	438±7.3	0.69

Table 2. Drug release Kinetics of formulations

		Liposomal Formulations		
Kinetic model	**Parameters**	**Un-coated**	**0.05%chitosan coated**	**0.1% chitosan coated**
Zero order	R^2	0.977	0.994	0.98
	K_0 (mg h^{-1})	1.3994	1.1771	1.1398
Higuchi	R^2	0.8785	0.9113	
	K_H($mgcm^2h^{-1}$)	3.4836	3.0972	
First order	R^2	0.9069	0.8326	0.9384
	K_1 (h^{-1})	-0.3905	0.4496	0.5556
Korsmeyer-Peppas	R^2	0.9566		0.9798
	K	1.546		1.6027
	N	0.9061		1.6027

Table 3. Characteristics of formulations after 3 months storage at 4°C (Mean ± SD, n=3)

Formulations	Encapsulation efficiency (%)	Particle size(nm)	PDI
Un-coated liposomes	49±6.6	426±6.7	0.65±0.06
0.05% chitosan coated liposomes	71±3.8	360±4.7	0.59±0.09
0.1% chitosan coated liposomes	72±8.1	450±2.7	0.73±0.07