

Supporting information

Figure captions

Fig. s1 (a) FTIR spectra of pullulan (b) PA (c) PAC

Fig. s2 (a) NMR spectra of PA (b) PAC

Table s1. Formulation of curcumin loaded pullulan acetate nanoparticles

Table s2. Loading efficiency of curcumin in PA

Fig. s1

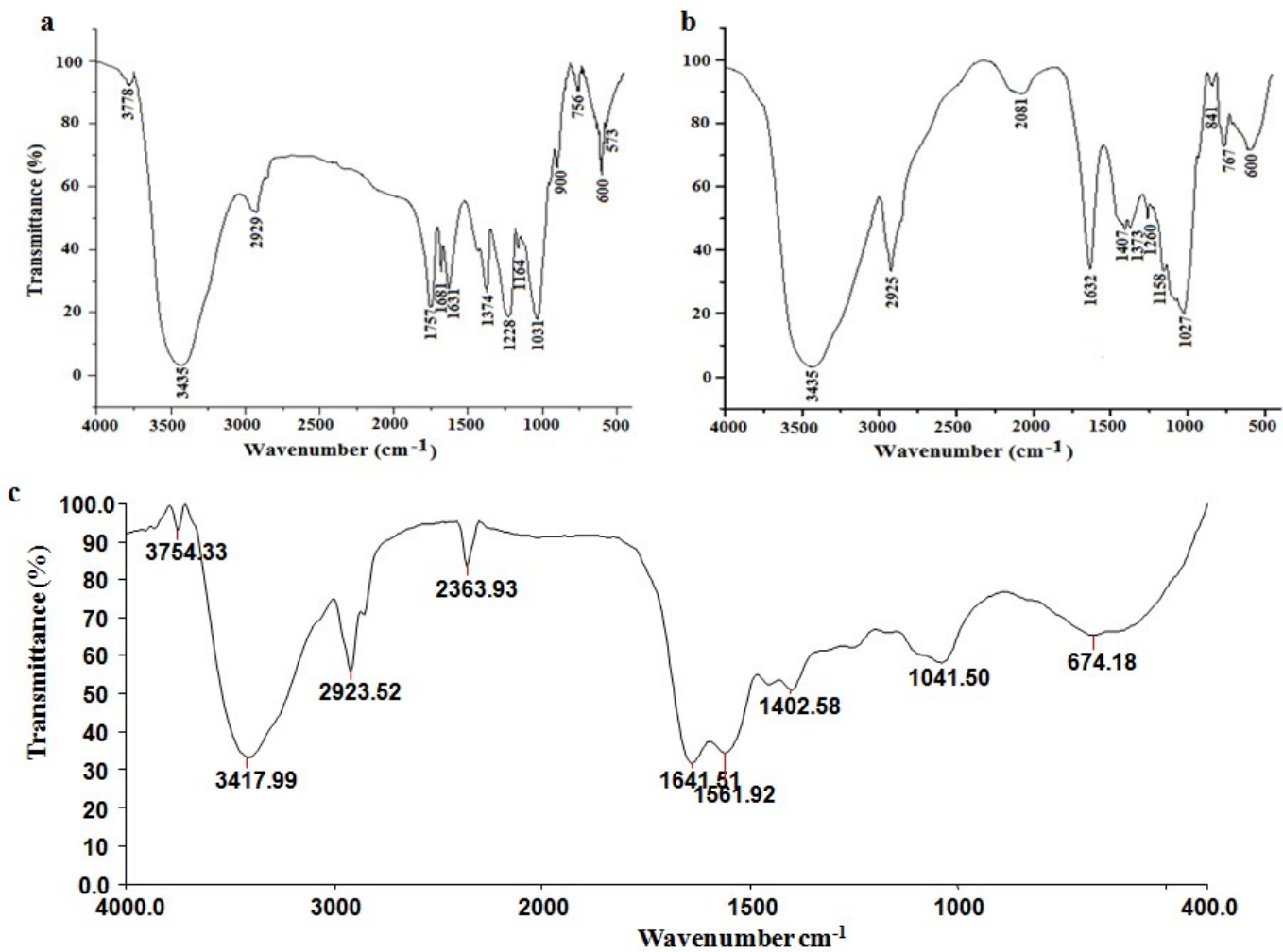


Fig. s2

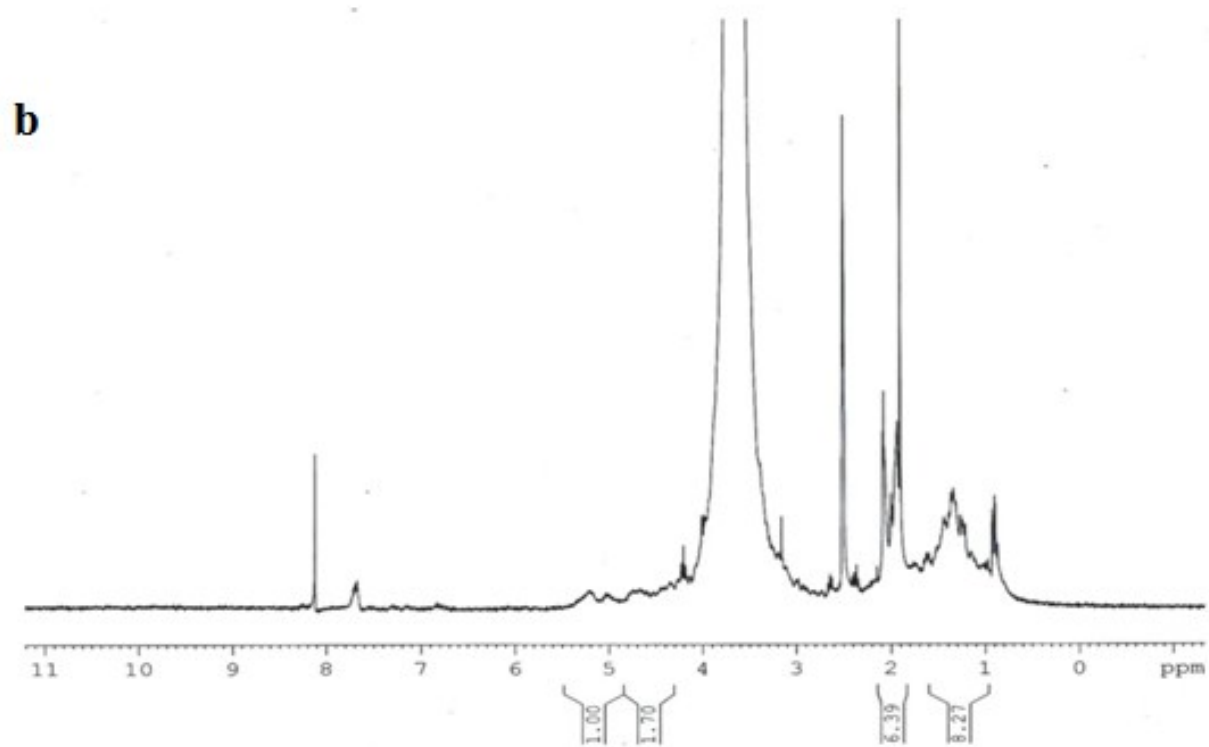
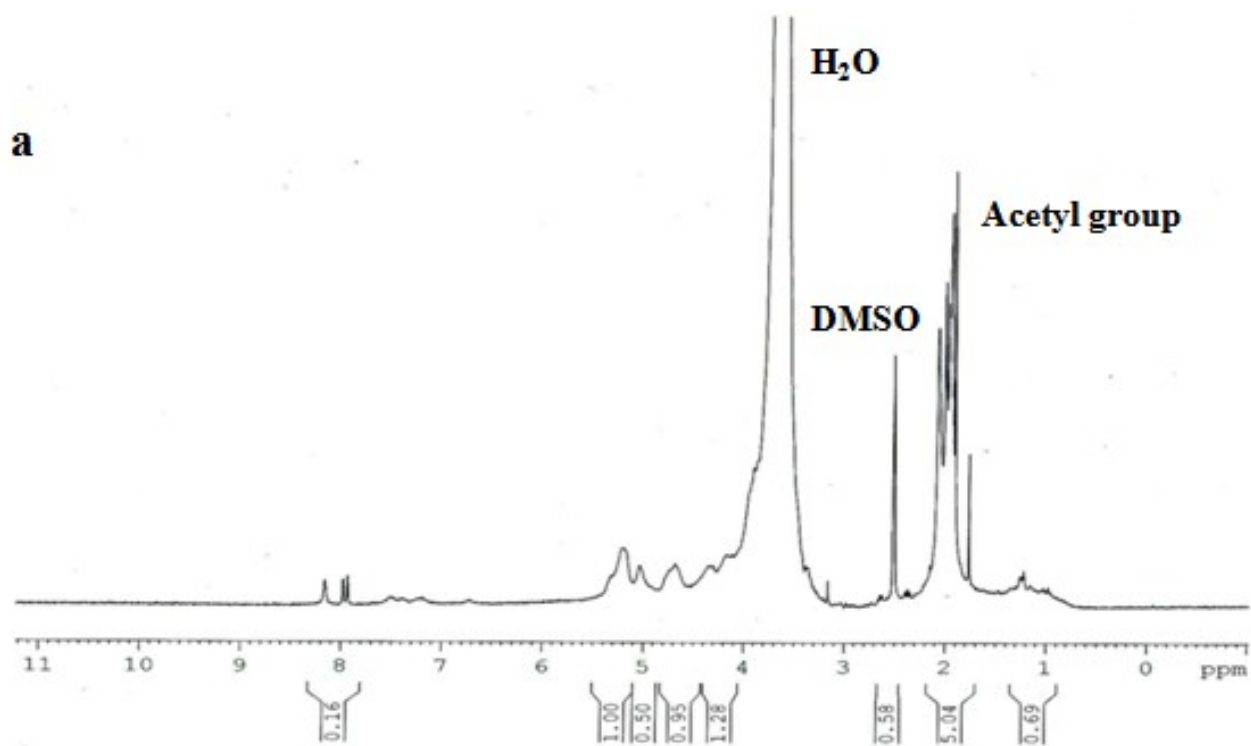


Table s1. Formulation of curcumin loaded pullulan acetate nanoparticles

Ingredients	Formulation code						
	F-1	F-2	F-3	F-4	F-5	F-6	F-7
Curcumin (mg)	5	5	5	5	5	5	5
Pullulan acetate (mg)	10	20	30	30	30	30	30
Polyvinyl alcohol (mL)	20 (1%)	20 (1%)	20 (1%)	40 (1%)	60 (1%)	60 (0.75%)	60 (0.5%)
Acetone (mL)	10	10	10	10	10	10	10

Table s2. Loading efficiency of curcumin in PA

Formulations	% of curcumin loading
F-1	22.72 ± 1.02
F-2	26.46 ± 1.05
F-3	29.51 ± 1.07
F-4	47.69 ± 1.08
F-5	85.87 ± 1.09
F-6	50.39 ± 1.0
F-7	45.12 ± 1.02