

LIST OF ABBREVIATION

3-(4,5-dimethylthiazol-2-yl)-2,5 diphenyltetrazolium bromide	:	MTT
1,1-diphenyl-2-picrylhydrazyl radical, 2,2-diphenyl-1- (2,4,6-trinitrophenyl)hydrazyl	:	DPPH
Active pharmaceutical ingredients	:	APIs
Amphiphilic block copolymers	:	ABCs
Atomic force microscopy	:	AFM
Baden aniline and soda factory	:	BASF
Blood-brain barriers	:	BBB
Central composite design	:	CCD
Cloud point temperature	:	CPT
Critical micelle concentration	:	CMC
Critical micelle temperature	:	CMT
Curcumin	:	CUR
Differential scanning calorimetry	:	DSC
Dimethyl sulfoxide	:	DMSO`
Dulbecco's modified Eagle's medium	:	DMEM
Dulbecco's phosphate-buffered saline	:	DPBS
Dynamic light scattering	:	DLS
D- α -Phosphatidylcholine	:	PC
D- α -Tocopherol polyethylene glycol 1000 succinate	:	TPGS
Enhanced permeability and retention	:	EPR
Environmental protection agency	:	EPA
Fetal bovine serum	:	FBS
Food and drug administration	:	FDA
Fourier transform infrared spectroscopy	:	FTIR
Gastrointestinal tract	:	GI
Glipizide	:	GLN
Hydrophilic-lipophilic balance	:	HLB

International Council for Harmonisation of Technical Requirements	:	ICH
Isothermal titration calorimetry	:	ITC
Michigan cancer foundation-7	:	MCF-7
Multi drug resistance	:	MDR
N-(2-hydroxypropyl)-methacrylate	:	HPMA
Nuclear magnetic resonance spectroscopy	:	NMR
Penicillin-streptomycin-neomycin	:	PSN
Phosphate buffer saline	:	PBS
Poly(D,L-lactide co-glycolide)	:	PLGA
Polyamino acid	:	PAA
Polycaprolactone	:	PCL
Polydispersity index	:	PDI
Polyethylene glycol	:	PEG
Polyethylene oxide	:	PEO
Polypropylene oxide	:	PPO
Quality by Design	:	QbD
Quercetin	:	QCN
Response surface methodology	:	RSM
Reticuloendothelial systems	:	RES
Room temperature	:	RT
Scanning electron microscope	:	SEM
Small-angle neutron scattering	:	SANS
Small-angle x-rays scattering	:	SAXS
Sodium dodecyl sulphate	:	SDS
Static light scattering	:	SLS
Stearic Acid	:	SA
Transmission electron microscope	:	TEM
UV-visible spectroscopy	:	UV-Vis
X-rays diffraction	:	XRD