

## List of Abbreviations

NSCLC	Non-Small Cell Lung Carcinoma
EPR	Enhanced Permeation and Retention
RES	Reticuloendothelial system
LCMS-MS	Liquid chromatography-mass spectrometry
LOQ	Limit of Quantification
LOD	Limit of Detection
mL	Millilitre
PBS	Phosphate-buffered saline
SPC	Soyabean Phosphatidylcholine
Chol	Cholesterol
MN	Mannitol
PO	Potassium oleate
DSPE-PEG 2000	1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[amino (polyethylene glycol)-2000]
GCH	Gemcitabine Hydrochloride
VLB	Vinorelbine Tartrate
FTIR	Fourier-transform infrared spectroscopy
DSC	Differential Scanning Calorimetry
EE	Entrapment Efficiency
min	Minute
nm	Nanometre
QbD	Quality by Design
DOE	Design of experiments
hrs	Hours
mm	Millimetre
CI	Confidence interval
SEM	Scanning electron microscopy
TEM	Transmission electron microscopy
PDI	Poly-dispersity index
MTT	3-(4, 5-dimethylthiazolyl-2)-2, 5 diphenyltetrazolium bromide

## LIST OF ABBREVIATIONS

DMEM	Dulbecco's Modified Eagle's medium
PI	Propidium Iodide
LD <sub>50</sub>	Median lethal dose
AUC	Area under curve
V <sub>d</sub>	Volume of Distribution
MRT	Mean residence time
Cl	Rate of clearance
<sup>99m</sup> Tc	Technetium-99m
ITLC	Instant Thin Layer Chromatography
DTPA	Diethylenetriaminepentaacetic acid
ICH	International Conference on Harmonization
RH	Relative Humidity
mV	Millivolts