

## ABBREVIATIONS

ANOVA	Analysis of Variance
CPCSEA	Committee for the Purpose of Control and Supervision of Experiments on Animals
CPP	Critical process parameters
CQA	Critical quality attributes
%EE	% Entrapment Efficiency
DMEM	Dulbecco's modified eagle medium
DMSO	Dimethylsulfoxide
DOE	Design of Experiment
DSC	Differential Scanning Calorimetry
%EE	Entrapment efficiency
FBS	Fetal bovine serum
Fig.	Figure
FITC	Fluorescein-5-isothiocyanate
FTIR	Fourier Transform Infrared spectroscopy
HPLC	High Performance Liquid Chromatography
IAEC	Institutional Animal Ethics Committee
ICH	International Council on Harmonization
IUPAC	International Union of Pure and Applied Chemistry
KBr	Potassium bromide
LOD	Limit of Detection
LOQ	Limit of Quantification
LZ	Luliconazole
ml	Milliliter
MIC	Minimum inhibitory concentration
MP	Melting Point
MTT	Thiazolyl Blue Tetrazolium Bromide
MW	Molecular weight
NE	Nanoemulsion

NLCs	Nanostructured lipid carriers
PBS	Phosphate Buffer Saline
PD	Pharmacodynamic
PDI	Polydispersity Index
PK	Pharmacokinetic
QbD	Quality by Design
QTPP	Quality target product profile
RH	Relative Humidity
RSM	Response Surface methodology
RT	Retention time
RSD	Relative Standard Deviation
TB	Tavorole
TEM	Transmission Electron Microscopy
Temp.	Temperature
T. rubrum	<i>Trichophyton rubrum</i>
SD	Standard deviation
SDA	Sabouraud dextrose agar
SEM	Scanning Electron Microscopy
SLNs	Solid-lipid nanoparticles
SC	Stratum corneum