

LIST OF ABBREVIATIONS

ACN:	Acetonitrile
AUC:	Area under the plasma concentration versus time curve
ANOVA:	Analysis of Variance
BCS:	Biopharmaceutics Classification System
C _{max} :	Peak Plasma Concentration
CPCSEA:	Committee for the Purpose of Control and Supervision of Experiments on Animals
DE:	Dabigatran Etxilate
DE SMEDDS:	Dabigatran Etxilate Self microemulsifying drug delivery system
DE NE:	Dabigatran Etxilate Nanoemulsion
DSC:	Differential Scanning Calorimetry
DAPI:	4',6-diamidino-2-phenylindole
FTIR:	Fourier Transform Infrared spectroscopy
FACS:	Fluorescence-activated cell sorting
GIT:	Gastrointestinal Tract
GS:	Globule Size
HPH:	High Pressure Homogenization
HPLC:	High Performance Liquid Chromatography
HLB:	Hydrophilic Lipophilic Balance
HSH:	High Speed Homogenizer
HBSS:	Hank's Balanced Salt Solution
IUPAC:	International Union of Pure and Applied Chemistry
ICH:	International Conference on Harmonization
IAEC:	Institutional Animal Ethics Committee
LBDDS:	Lipid Based Drug Delivery Systems
LCT:	Long Chain Triglycerides
λ_{\max} :	Wavelength maxima
LOD:	Limit of Detection

LOQ:	Limit of Quantification
MCT:	Medium Chain Triglycerides
MRT:	Mean Residence Time
MEM:	Minimum Essential Medium
MTT:	(Dimethylthiazol-2-yl) 2,5-diphenyl-tetrazolium bromide
MFI:	Mean Fluorescent Intensity
NISO:	Nisoldipine
NE:	Nanoemulsion
O/W:	Oil in Water
P-gp:	Permeability Glycoprotein
PIT:	Phase Inversion Temperature
PDI:	Polydispersity Index
PBS:	Phosphate Buffer Saline
Papp:	Apparent Permeability Coefficient
PEG:	Polyethylene Glycol
QbD:	Quality by Design
RH:	Relative Humidity
RSM:	Response Surface methodology
SMEDDS:	Self microemulsifying drug delivery system
NISO SMEDDS:	Nisoldipine Self microemulsifying drug delivery system
NISO NE:	Nisoldipine Nanoemulsion
S _{mix} :	Surfactant-Cosurfactant mixture
SEDDS:	Self Emulsifying Drug Delivery System
TEER:	Trans Epithelial Electrical Resistance
TEM:	Transmission Electron Microscopy
T _{max} :	Peak plasma concentration
% T:	Percent Transmittance