

Abbreviations

GI	Gastrointestinal
USFDA	United States Food and Drug Administration
BCS	Biopharmaceutical Classification System
β -CD	β -cyclodextrin
γ -CD	γ -cyclodextrin
HP- β -CD	Hydroxypropyl- β -cyclodextrin
DM- β -CD	Dimethyl- β -cyclodextrin
CDs	Cyclodextrins
A	Alpha
β	beta
γ	Gammal
μ	meu
Å	Angstrom
Mg	Milligram
mL	Milliliter
M	Micro
Hr	Hour
Min	Minute
S	Second
Ng	Nanogram
Ω	Ohm
cm ²	Square centimeter
°C	Degree Celsius
Nm	Nanometer
ME	Microemulsion
w/o	Water-in-oil
o/w	Oil-in-water
CME	Cilostazol microemulsion
TME	Tadalafil microemulsion
AR grade	Analytical reagent grade
AQ	Aqueous
O	Oil
S	Surfactant
CoS	Co-surfactant
S:CoS	Surfactant to co-surfactant ratio
HLB	Hydrophilic lipophilic balance
CMC	Critical micelle concentration
mM	Millimolar
L	Liter
Mol	Moles
Kg	Kilograms
>	Greater than
<	Less than
AUC	Area under the curve
Log P	Logarithm of partition coefficient
Log D	Logarithm of distribution coefficient

Rf	Retention factor
Cm	Centimeter
HPLC	High performance liquid chromatography
USP	United States Pharmacopoeia
IP	Indian Pharmacopoeia
BP	British Pharmacopoeia
ADME	Absorption, distribution, metabolism and excretion
T_{max}	Time to achieve maximum concentration
K_{el}	Elimination rate constant
$T_{1/2}$	Half-life (Time)
C_0	Initial concentration
V_R	Volume of receptor compartment
LD ₅₀	Lethal dose
C_{max}	Maximum concentration of drug
T_{max}	Time to reach C_{max}
F^*	Absolute oral bioavailability
RH	Relative humidity
Rpm	Revolutions per minute
w/v	Weight upon volume
w/w	Weight upon weight
w/v	Weight upon volume
v/v	Volume by volume
EDTA	Ethylene diamine tetra acetate
A	Area
dQ/dt	Cumulative flux
s.d.	Standard deviation
RSD	Relative standard deviation
% RSD	Percent relative standard deviation
UV	Ultraviolet
UV/VIS	Ultra violet/Visible
LoD	Limit of detection
LoQ	Limit of Quantification
R	Regression co-efficient
QC	Quality control
LQC	Low quality control
MQC	Medium quality control
HQC	High quality control
N ₂	Nitrogen
λ_{EX}	Excitation absorbance maxima
λ_{EM}	Emission absorbance maxima
Pka	Dissociation constant
λ_{max}	Absorbance maxima
R^2	Linear least-square regression
S/N	Signal to noise
AMP	Adenosine monophosphate
PDE III	Phosphodiesterase III enzyme
ICH	International conference on harmonization

LC	Liquid chromatography
MS	Mass spectroscopy
LC/MS	Liquid chromatography/Mass spectroscopy
NMR	Nuclear magnetic resonance
Mol.	Molecular weight
®	Registered Trademark
™	Trademark