

LIST OF ABBREVIATIONS

ANOVA -Analysis Of Variance
AUC- Area Under Curve
BBB- Blood Brain Barrier
BCA -Bichinconinic Acid
Cl- Clearance
DSC- Differential Scanning Calorimetry
EE-% Drug Entrapment Efficiency
GS- Globule Size
h- Hours
i.n.- Intranasal
i.v.- Intravenous
IPM- Isopropyl Myristate
ITLC- Instant Thin Layer Chromatography
Lf- Lactoferrin
LTG- Lamotrigine
MBq- Mega Baquerel
ME- Microemulsion
mg-Milligram
min- Minutes
ml- Milliliter
MRT- Mean Residence Time
mV- Millivolt
NE- Nanoemulsion
nm- Nanometer
NMR- Nuclear Magnetic Resonance
NPs-Nanoparticles
PBS- Phosphate Buffer Saline
PDI- Poly Despesibility Index
PLGA-Poly (D, L-lactic-co-glycolic) acid
PS-Particle Size
PVA-Polyvinyl Alcohol
RH- Relative humidity

RMT- Receptor Mediated Transcytosis

RSD- Relative standard deviation

SD- Standard Deviation

SEM- Standard Error of Mean

SG- Silica Gel

SLS- Sodium Lauryl Sulphate

T- Transmittance

Tc- Technetium

TEM-Transmission Electron Microscope

Tf- Transferrin

TMD-Tramadol

USP- United States Pharmacopoeia

ZP- Zeta Potential

μ Ci- micro Curie

μ g- Microgram

μ l- Microliter

μ m- Micrometer

%A/g- Fraction of radioactivity administered per gram of tissue