

LIST OF ABBREVIATIONS

λ_{\max}	Absorption maxima	EC ₅₀	50% effective concentration
λ_{Exi}	Excitation wavelength	i.v.	intra venous
λ_{Emi}	Emission wavelength	i.p.	intra peritoneal
β	beta	p.o.	per oral
α	alpha	PDA	Photo Diode array
ng	nano gram	RS	Resolution factor
μg	micro gram	RT	Retention time
pg	pico gram	SD	Standard deviation
mg	mili gram	RSD	Relative standard deviation
g	gram	SEM	Standard error of mean
°C	degree Celsius	IP	Indian Pharmacopiea
nm	nano meter	WHO	World Health Organization
ml	mili liter	ICH	International Conference of Harmonization
μl	micro liter	HIV	Human immune deficiency virus
mM	milli mole	HSV	Herpes simplex virus
v/v	volume by volume	Hb	Haemoglobin
w/v	weight by volume	GRAS	Generally regarded as safe
w/w	weight by weight	UV	Ultra violet
%	percentage	RES	Reticulo endothelial system
TLC	Thin Layer Chromatography	AIDS	Acquired immuno deficiency syndrome
HPLC	High Performance Liquid Chromatography	COA	Certificate of Analysis
HPTLC	High Performance Thin Layer Chromatography	PPM	parts per million
AAS	Atomic Absorption Spectrophotometer	DNPH	Dinitrophenylhydrazine
SRBC	Sheep red blood cells	DPPH	1, 1 diphenyl 2- picryl hydrazine
OD	Optical density	OPA	<i>ortho</i> - phosphoric acid
DTH	Delayed type hypersensitivity	LOD	Limit of detection
TLC count	Total leukocyte count	LOQ	Limit of quantitation
HMP	Hexose monophosphate shunt pathway	MCC	Micro crystalline cellulose
LC-GC	Liquid chromatography – Gas chromatography	DCP	Dibasic calcium phosphate
PHF	Polyherbal formulation	PEG	Polyethylene glycol
ANOVA	Analysis of variance	OECD	Organisation for Economic Co-operation and Development
AUC	Area under curve	PMN	Poly morpho nuclear
EDTA	Ethylene diamine tetra acetic acid	DMSO	Dimethyl sulphoxide
LD ₅₀	50% lethal dose	PBS	Phosphate buffer saline
		HBSS	Hanks balance salt solution
		NBT	Nitro blue tetrazolium