

LIST OF ABBREVIATIONS

“ Hg	Inches of Mercury	LH	Lung homogenate
μl	Microliter	LUVs	Large Unilamellar Vesicles
μm	Micrometer	MADt	Theoretical mean aerodynamic diameter
AFM	Artificial Membrane	MDI	Metered dose inhalers
AIDS	Acquired Immuno Deficiency Syndrome	ml	Milliliter
AMP	Adenosine Mono Phosphate	MLVs	Multi lamellar vesicles
AMs	Alveolar macrophages	mM	Millimolar
ANOVA	ANALYSIS Of Variance	MMAD	Mass Median Aerodynamic Diameter
BAL	Broncho alveolar lavage	MTB	Mycobacterium tuberculosis
BP	British Pharmacopoeia	Mw	Molecular weight
CHOL	Cholesterol	NGI	Next Generation Impactor
cm	Centimeter	μm	Micrometer
d	Diameter	NMR	Nuclear Magnetic Resonance
Da	Dalton	PBS	Phosphate Buffer Saline 7.4 pH
DOPC	Dioleoyl Phosphatidyl Choline	PD	Pure Drug
DOPG	Dioleoyl Phosphatidyl Glycerol	PE	Polyethylene
DPI	Dry Powder Inhaler	PI	Phosphatidyl Inositol
DPPA	Dipalmitoyl Phosphatic Acid	PIFR	Peak Inspiratory Flow Rate
DPPG	Dipalmitoyl Phosphatidyl Glycerol	ppb	Parts Per Billion
DPPS	Dipalmitoyl Phosphatidyl Serine	r	Regression Coefficient
EDTA	Ethylene Diamine Tetra Acetic Acid	r.p.m.	Revolutions per Minute
EPC	Egg Phosphatidyl Choline	R.T.	Room Temperature
FPD	Fine particle Dose	RFP	Rifampicin
FPF	Fine particle Fraction	SA	Stearylamine
g	Gravitational Acceleration	SD	Standard Deviation
gm	Gram	SEF	Site-exposure enhancement factor
h	Hour	SEM	Standard Error Mean
GSD	Geometric Standard Deviation	SPG-3	Saturated Phosphatidyl Glycerol
HSPC	Hydrogenated soya phosphatidylcholine	STI	Site targeting index
INH	Isoniazid	Tc	Transition temperature
Kg	Kilogram	TEF	Targeting enhancement factor
KPa	Kilo Pascal	TSI	Twin stage impinger
L	Liters	USP	United States Pharmacopoeia
LDPI	Liposomal Dry Powder Inhaler		