

## LIST OF ABBREVIATIONS

%Deg	-	Percentage Degradation of bulk drug
% Drug	-	Percentage of bulk drug
ACN	-	Acetonitrile
API	-	Active Pharmaceutical Ingredients
WHO	-	World Health Organization
TB	-	Tuberculosis
UV	-	Ultra violet
$\lambda_{\max}$	-	Wavelength Maxima
ANOVA	-	Analysis of Variance
DPs	-	Degradation Products
T <sub>50</sub>	-	Half life
T <sub>90</sub>	-	Shelf life
E <sub>a</sub>	-	Activation energy
$\Delta H$	-	Enthalpy
$\Delta S$	-	Entropy
DMSO	-	Dimethyl Sulphoxide
QbD	-	Quality by Design
DoE	-	Design of Experiments
TRZ	-	Terizidone
HCl	-	Hydrochloric acid
NaOH	-	Sodium Hydroxide
N	-	Normality
H <sub>2</sub> O <sub>2</sub>	-	Hydrogen peroxide
$\mu\text{g}$	-	microgram
mg	-	milligram
HPLC	-	High Performance Liquid Chromatography
FT-IR	-	Fourier Transform- Infra Red
ICH	-	International Conference on Harmonization
LC	-	Liquid chromatography
ESI/MS	-	Electron Spray Ionization/ Mass Spectroscopy
SQD/MS	-	Single Quad Detector/ Mass Spectroscopy
LOD	-	Limit of Detection

LOQ - Limit of Quantification  
MS - Mass spectroscopy  
MS/MS - Mass/Mass spectroscopy  
NMR - Nuclear Magnetic Resonance  
<sup>1</sup>H NMR - Proton Nuclear Magnetic Resonance  
<sup>13</sup>C NMR - Carbon-13 Nuclear Magnetic Resonance  
APT - Attached proton test  
R<sup>2</sup> - Correlation co-efficient  
BDQ - Bedaquiline  
Rt - Retention time  
SD - Standard Deviation  
RSD - Relative Standard Deviation  
TOF - Time of Flight  
UPLC - Ultra Performance Liquid Chromatography  
US-FDA - United States-Food and Drug Administration