## **List of Tables**

Table No.	Table Captions	Page No.
4.1.	Effect of process variables on particle size	55
	of placebo nanoparticles	
4.2.	Factorial design parameters and	56
	experimental conditions	
4.3.	Formulations of the nanoparticles using 3 <sup>2</sup>	56
	factorial design	
4.4.	List of excipients and quantities used in	59
	preparation of naplet	
4.5.	Composition of different batches of	59
	naplets	
4.6.	Excipients and quantities used for sub and	60
	enteric coating of naplets	
4.7.	Animal groups used in pharmacokinetic	70
	study	
4.8.	Animal groups used in toxicity study	75
5.1.	HPLC analytical method validation	77
	parameters	
5.2.	Solubility studies of BBR in different	81
	media	
5.3.	Solubility studies of BBR in different	82
	surfactants in pH 4.5 buffer	
5.4.	Effect of Injection rate, needle size and	84
	stirring rate on particle size of placebo	
	nanoparticles	
5.5.	Results of EE, PS and PDI of formulations	86
	F1 – F9	
5.6.	Results of PS, PDI, ZP and EE of BBR-NP	93

	and BBR-SCNP	
5.7.	Results of redispersion, hardness,	97
	friability and disintegration of different	
	naplet batches	
5.8.	PS, PDI and ZP of BBR-NP dispersion and	98
	redispersed nanoparticles of naplet	
5.9.	Stability studies of BBR-NP formulation	112
	(F-6)	
5.10.	Stability studies of BBR-SCNP formulation	112
5.11.	Stability studies of naplet	114
5.12.	Results of BBR-NP and BBR-SCNP after 30	119
	min of incubation in SBFs at different pHs	
5.13.	HPLC bio analytical method validation	120
	parameters	
5.14.	Pharmacokinetic parameters of different	123
	animal groups	
5.15.	Liver and Kidney enzymes normal values	133