LIST OF FIGURES

LIST OF INSTRUMENTS USED

Instrument	Company
Refrigerated centrifuge	Sigma 3K30 refrigerated high speed laboratory centrifuge; Sigma Instruments, Osterode, Germany
Zetasizer	Malvern Zetasizer 3000 HS_A Nanoseries Nano-ZS (Malvern Instruments Ltd, Worcestershire, UK)
Thermogravimetric Analyzer	Exstar TG/DTA 6300
pH meter	LabIndia PICO$^+$ pH meter
Vortex mixer	Spinix Vortex mixer
Lyophilizer	DW1, 0-60E, Heto Dry Winner, Denmark
Spectrophotometer	680 XR BioRad France
Probe Sonicator	Sartorius Labsonic® M Probe Sonicator
Microplate Reader	ELISA plate reader BioRad, 680 XR
Vacuum Pump	Vacuum Pump F16, Bharat Vacuum Pumps, Bangalore
Bath Sonicator	Bath Sonicator, DTC 503, Ultra Sonics
Oven	Stability Oven, Shree Kailash Industries, Vadodara
Analytical Balance	Analytical Balance - AX 120, EL 8300, Shimadzu Corporation, Japan
Transmission Electron Microscope	Philips - Morgagni 268-D, Netherland
X-Ray Diffractometer	Shimadzu XRD-6000, Japan
Inverted Microscope	Olympus CKX-41 Inverted Microscope, Camera - DP12 fitted with adaptor
Rotary vacuum evaporator	Buchi, German
UV-Vis Spectrophotometer	Shimadzu UV 1601; Shimadzu, Kyoto, Japan UV-1700 PharmaSpec
FTIR	Bruker Alpha T FTIR
Magnetic Stirrer	Spectralab Whirlmatic Mega Stirrer