

## LIST OF EQUIPMENTS

<b>Equipment</b>	<b>Manufacturer</b>
Analytical weight balance	Shimadzu, Japan
UV-Visible spectrophotometer (UV-1800)	Shimadzu, Japan
BioSpec-nano micro volume UV-Vis spectrophotometer	Shimadzu, Japan
Agarose gel electrophoresis system	GeNei™, Banglore, India
GelDoc™ XR+ Imaging System.	BioRad, USA
IRAffinity-1 spectroscope	Shimadzu, Japan
400 MHz JEOL NMR	Bruker, USA
Zetasizer NanoZS	Malvern Instruments Ltd., UK
Magnetic stirrer	Remi Sci. Equipment, India
Cooling centrifuge	Remi equipments Pvt Ltd, India
Orbitek Shaker incubator	Scigenics, India
Deep freezer	EIE Inst. Ltd., Ahmedabad
Optical Microscope with polarizer	Olympus Microscope, BX-40, Japan
Nikon H600L Microscope	Nikon, Japan
Probe sonicator (Labsonic M)	Sartorius, Mumbai
Weiber vertical Laminar Air Flow	Weiber, India
Jouan IGO150 5% CO2 incubator	Thermo-Fischer, Germany
Enzyme-Linked Immune Sorbent Assay (ELISA) plate reader	Bio-Rad, USA
Confocal laser scanning microscope, LSM 710	Carl-Zeiss Inc., USA
fluorescence activated cell sorter (FACS-BD-AriaIII)	BD, USA
Millicel-ERS-2 Voltohmmeter	Millipore, USA
Fluorimeter	Shimadzu, Japan
QuantStudio™ 12K Flex Real- time PCR system	Applied Biosystems, USA
pH meter	LabIndia Inst. Pvt. Ltd., India

Advanced® 3250 Single-Sample Osmometer	Advanced Instruments, Inc., Norwood, MA, USA
Brookfield DV-II+ Pro viscometer	Brookfield Engineering Laboratories, Middleboro, MA, USA
SprayVIEW™ NSP	Proveris Scientific Corporation, USA
HELOS BR instrument with SPRAYER module and force actuator	Sympatech GmbH, Clausthal-Zellerfeld, Germany
Mini-Protean electrophoresis system	Biorad, USA
Mini-Trans Blot electrophoretic transfer cell	Biorad, USA
Gel rocker	L1-GR-E-100, GeNei, India
Alliance 4.7 western blot imaging system	Uvitec, Cambridge, UK