

LIST OF ABBREVIATIONS AND SYMBOLS

XRD	X-Ray diffraction
DSC	Differential scanning calorimetry
TEM	Transmission Electron Microscopy
SEM	Scanning electron microscope
EDX	Energy dispersive analysis of X-ray
PL	Photoluminescence
RT	Room temperature
θ	Angle
Å	Angstrom
nm	Nanometer
μm	Micrometer
T	Temperature
mol	Mole
min	Minute
mg	Milligram
mL	Milliliter
DLS	Dynamic light scattering
VSM	Vibrating Sample Magnetometer
NPs	Nanoparticles
TA	Tartaric acid
SDS	Sodium dodecylsulphate
CTAB	Cetyltrimethylammonium bromide
AOT	Bis(2-ethyl hexyle-sulphosuccinate)