

## List of Abbreviations

AAS	Atomic Absorption Spectroscopy
A°	Angstrom
CEC	Cation Exchange Capacity
COD	Chemical Oxygen Demand
C.I	Color index
C <sub>0</sub>	Initial concentration
C <sub>e</sub>	Equilibrium concentration
C <sub>t</sub>	Concentration at time "t"
DO	Dissolved Oxygen
EC	Electrical conductivity
EDS	Energy Dispersive X ray Spectroscopy
EF	Enrichment factor
FTIR	Fourier Transform Infrared Spectroscopy
gm	Gram
I <sub>0</sub>	Intensity of incident light
I <sub>θ</sub>	Intensity of scattered light
I <sub>geo</sub>	Geoaccumulation index
K <sub>d</sub>	Distribution coefficient
m	Meter
nm	Nanometer
µm	Micrometer
mg	Milligram
mL	Milliliter
RCF	Relative Centrifugal Force
RPM	Rotations per minute
r <sub>g</sub>	Radius of Gyration
R <sub>θ</sub>	Rayleigh ratio
R <sup>2</sup>	Correlation coefficient
SEM	Scanning Electron Microscopy
SLS	Static light scattering
TEM	Transmission Electron Microscopy
TDS	Total dissolved solids

TGA	Thermogravimetric analysis
TOC	Total organic carbon
ζ	Zeta potential
XRD	X ray diffraction