

List of Abbreviations

AAS	Atomic Absorption Spectroscopy
Å	Angstrom
CEC	Cation Exchange Capacity
COD	Chemical Oxygen Demand
C.I	Color index
C ₀	Initial concentration
C _e	Equilibrium concentration
C _t	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 ₀	Intensity of incident light
I _θ	Intensity of scattered light
I _{geo}	Geoaccumulation index
K _d	Distribution coefficient
m	Meter
nm	Nanometer
μm	Micrometer
mg	Milligram
mL	Milliliter
RCF	Relative Centrifugal Force
RPM	Rotations per minute
r _g	Radius of Gyration
R _θ	Rayleigh ratio
R ²	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