

List

OF ABBREVIATIONS

ANOVA	Analysis of Variance
As ₂ O ₃	Arsenite
As(III)	Arsenite (+3)
As(V)	Arsenate (+5)
BCF	Bio-concentration Factor
EDX	Energy dispersive X-ray
FTIR	Fourier Transform Infrared Spectrometer
ICP-OES	Inductively coupled plasma – optical emission Spectroscopy
IUPAC	International Union of Pure and Applied Chemistry
KBr	Potassium Bromide
mg/g	Milligram per gram
mg/kg	Milligram per kilogram
mg/L	Milligram per liter
mV	Millivolt
nm	Nano-meter
ppm	Parts per million
rpm	Rotation Per Minute
SEM	Scanning Electron Microscopy
TEM	Transmission Electron Microscopy
TF	Translocation Factor
UV-Vis	Ultra violet visible spectroscopy
WHO	World Health Organization
XRD	X- ray diffract meter
ζ	Zeta