

## ABBREVIATIONS

AAS	Atomic Absorption Spectrophotometer
AgCl	Silver chloride
AgNO <sub>3</sub>	Silver Nitrate
AOAC	Association of Official Analytical Chemists
APHA	American Public Health Association
ARSAC	Assam Remote Sensing Application Centre
ASTEC	Assam Science Technology & Environment Council
BIS	Bureau of Indian Standards
BOD	Biochemical Oxygen Demand
BSI	Botanical Survey of India
Ca	Calcium
CaCO <sub>3</sub>	Calcium carbonate
Cl	Chloride
Co	Cobalt
CO <sub>2</sub>	Carbon dioxide
COD	Chemical Oxygen Demand
Cr	Chromium
Cu	Copper
DI water	Deionized water
DO	Dissolved oxygen
EDTA	Ethylene- Diamine-Tetra-Acetic Acid
FAO	Food and Agriculture Organization
FCO <sub>2</sub>	Free Carbondioxide
FCR	Feed conversion ratio
Fe	Iron
HCl	Hydrochloric acid
H <sub>2</sub> O	Water
H <sub>2</sub> SO <sub>4</sub>	Sulphuric acid
I	Iodine

ICAR	Indian Council Of Agricultural Research
ISRO	Indian Space Research Organization
IUCN	International Union for Conservation of Nature and Natural Resources
K	Potassium
Mg	Magnesium
Mn	Manganese
Mo	Molybdenum
N	Number of observation
Na	Sodium
NaOH	Sodium hydroxide
NaHCO <sub>3</sub>	Sodium bicarbonate
NBSAP	National Biodiversity Strategy and Action Plan
NBFGR	National Bureau of Fish Genetic Resources
NER	North eastern region
NH <sub>3</sub>	Ammonia
nm	Nanometer (wavelength )
NO <sub>3</sub>	Nitrate
NO <sub>2</sub>	Nitrite
NPK	Nitrogen phosphorus and potassium
NRC	National Research Council
OH <sup>-</sup>	Hydroxyl
P	Phosphate
*p	Probability
Pb	Lead
p <sup>H</sup>	Hydrogen ion concentration
ppm	Part per million
SD	Standard deviation
Se	Selenium
SE	Standard error
SPSS	Statistical Package for the Social Sciences
T.A.	Total alkalinity

T.H.	Total hardness
TDS	Total dissolved solids
TSS	Total suspended solids
UNESCO	United Nations Educational Scientific and Cultural Organisation
USA	United States of America
USDA	United States Department of Agriculture
UV	Ultra violet
WHO	World Health Organization
WT	Water temperature
WQI	Water Quality Index
X	Individual observations
$\bar{x}$	The mean value of X
Zn	Zinc
ZSI	Zoological Survey of India
$\Sigma$	The sum of the terms indicated
$\lambda$	Lamda