

## ABBREVIATIONS

$\Delta OD$	-Change in optical density
$^{\circ}F$	- degree Fahrenheit
$^{\circ}C$	- degree Celsius
ppm	- parts per million
pH	- Hydrogen ion concentration
2,4-D	- 2, 4 – Dichloroacetic acid
AAS	- Atomic Absorption Spectrophotometer
UV- VIS	-Ultraviolet – Visible range
$MgCO_3$	- Magnesium carbonate powder
HCl	- Hydrochloric Acid
$CuSO_4 \cdot 5H_2O$	- Copper sulfate
$H_2SO_4$	- Sulfuric acid
$HNO_3$	- Nitric acid
$H_2O_2$	- Hydrogen peroxides
$CCl_4$	- Carbon tetrachloride
ATP	- Adenosine triphosphate
ADP	- Adenosine diphosphate
ip	- Inorganic phosphate
NR	- Enzyme Reductase

N	- Nitrogen
Na	- Sodium
K	- Potassium
Ca	- Calcium
Mg	- Magnesium
P	- Phosphorus
Fe	- Iron
CaCl <sub>2</sub>	- Calcium Chloride
CO <sub>2</sub>	- Carbon dioxide
FAD	- Flavin adenine dinucleotide
Fig.	- Figure
g <sup>-1</sup>	- Per gram
h <sup>-1</sup>	- Per hour
min	- minute
g	- gram
h	- hours
KCl	- Potassium Chloride
KNO <sub>3</sub>	- Potassium nitrate
KNO <sub>2</sub>	- Potassium nitrite
mM	- milli molar
μ M	- micro molar
M	- Molar

mg	- mili gram
ml	- mili liter
mol	- Molar
N	- Normal
NaCl	- Sodium Chloride
NAD	- Nicotinamide adenine dinucleotide
%	- percentage
P	- Phosphate
Wt.	- Weight
DW	- Distilled water
NEEDA	- N(1-Naphthyl) ethylene diamide hydrochloride
rpm	- rotation per minute
No.	- Number
nm	- nanometer