

# LIST OF ABBREVIATIONS

<b>AChE</b>	:Acetylcholinesterase
<b>ACP</b>	: Acid phosphatase
<b>AKP</b>	: Alkaline phosphatase
<b>ANOVA</b>	:Analysis of Variance
<b>APHA</b>	: American Public Health Association
<b>AT</b>	: Acephate
<b>ATPase</b>	:Adenosine triphosphatase
<b>BCF</b>	: Bioconcentration factor
<b>CaCO<sub>3</sub></b>	: Calcium Carbonate
<b>CE</b>	: Chlorpyrifos-ethyl
<b>CO<sub>2</sub></b>	: Free Carbondioxide
<b>CYP2E1</b>	: Cytochrome P450 2E1
<b>CYP45</b>	: Cytochrome P450
<b>Cyt P450</b>	: Cytochrome P450
<b>DDTs</b>	: Dichlorodiphenyl trichloroethanes
<b>DDVP</b>	: Dichlorovos
<b>DNA</b>	: Deoxyribonucleic acid
<b>DO</b>	: Dissolved Oxygen
<b>DPA</b>	: Diphenylamine
<b>EPA</b>	: Environmental protection Agency

<b>ETL</b>	: Economic Threshold Level
<b>FAO</b>	: Food and Agriculture organization
<b>GSH</b>	: Reduced glutathione
<b>H<sub>2</sub>SO<sub>4</sub></b>	: Sulfuric acid
<b>Hb%</b>	: Haemoglobin %
<b>HCl</b>	: Hydrochloric acid
<b>HSI</b>	: Hepatosomatic Index
<b>HSP70</b>	: Heat Shock Protein70
<b>IPM</b>	: Integrated Pest Management
<b>KCl</b>	: Potassium chloride
<b>LC<sub>50</sub></b>	: Lethal concentration 50
<b>LDH</b>	: Lactic dehydrogenase
<b>LPO</b>	: Lipid Peroxidation
<b>MDA</b>	: Malondialdehyde
<b>MNP</b>	: Methyl nitrophos
<b>mRNA</b>	: Messenger RNA
<b>MS-EXCEL</b>	: Microsoft- Excel
<b>NAD</b>	: Nicotinamide adenine dinucleotide
<b>NAS</b>	: National Academy of Sciences
<b>OFR</b>	: Oxygen Free Radical
<b>OP</b>	: Organophosphate
<b>OSI</b>	: Organosomatic index
<b>PCBs</b>	: Polychlorinated biphenyls
<b>PCA</b>	: Perchloric acid
<b>PHA</b>	: Phytohemagglutinin

<b>PP</b>	: Phytoplankton
<b>PUFA</b>	: Poly Unsaturated Fatty Acid
<b>QP</b>	: Quinalphos
<b>R.B.C</b>	: Red blood corpuscles
<b>REF</b>	: Relatively Environment Friendly
<b>Rf</b>	: Relative mobility
<b>RNA</b>	: Ribonucleic acid
<b>ROI</b>	: Reactive Oxygen Intermediate
<b>ROS</b>	: Reactive Oxygen Species
<b>rRNA</b>	: Ribosomal RNA
<b>RSI</b>	: Renosomatic index
<b>SAM</b>	: S- adenosyl methionine
<b>SCE</b>	: Sister Chromatid Exchanges
<b>SDH</b>	: Succinic dehydrogenase
<b>SDS</b>	: Sodium dodecyl sulfate
<b>SDS-PAGE</b>	: Sodium dodecyl sulfate- polyacrylamide gel electrophoresis
<b>-SH group</b>	: Sulfydryl group
<b>SOD</b>	: Superoxide dismutase
<b>TBA</b>	: Thiobarbituric acid
<b>TCA</b>	: Trichloro acetic acid
<b>TEC</b>	: Total Erythrocyte count
<b>TEMED</b>	: N, N, N', N'- tetramethyl ethylene diamine
<b>tRNA</b>	: Transfer RNA
<b>WHO</b>	: World Health Organization
<b>ZP</b>	: Zooplankton