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## LIST OF ABBREVIATIONS

The following abbreviations have been used commonly throughout this thesis:

$\alpha$	alpha
$^{\circ}\text{C}$	degree Celcius
=	equal
$\leq$	less or same
$\eta\text{mol}$	nanomole
$\mu\text{l}$	microliter
$\mu\text{g}$	microgram
$\mu\text{S}$	microsecond
>	more than
%	percent
ACh	acetylcholine
AChE	acetylcholinesterase
AChR	acetylcholine receptor
ASChI	acetylthiocholine iodide
BSA	bovine serum albumin
CDNB	1-chloro-2,4 -dinitrobenzene
DBLS	diazo-blue solution
DDT	dichloro-diphenyl-trichloroethane
DDVP	dichlorvos
DTNB	5,5-dithiobis (2-nitrobenzoic acid)

E	East
EC <sub>50</sub>	Half maximal effective concentration
EST	esterase
FBS	fast blue salt
GSH	reduced glutathione
GST	glutathione-s-transferases
INWQS	Interim Water Quality Standards for Malaysia
I <sub>50</sub>	inhibition at 50%
M	molar
mg	milligram
mm	millimeter
N	North
NA	naphthylacetate
nm	nanometer
OD	optical density
PCB	polychlorinated biphenyl
rpm	revolutions per minute
Sg.	Sungai (River)
WQI	Water Quality Index