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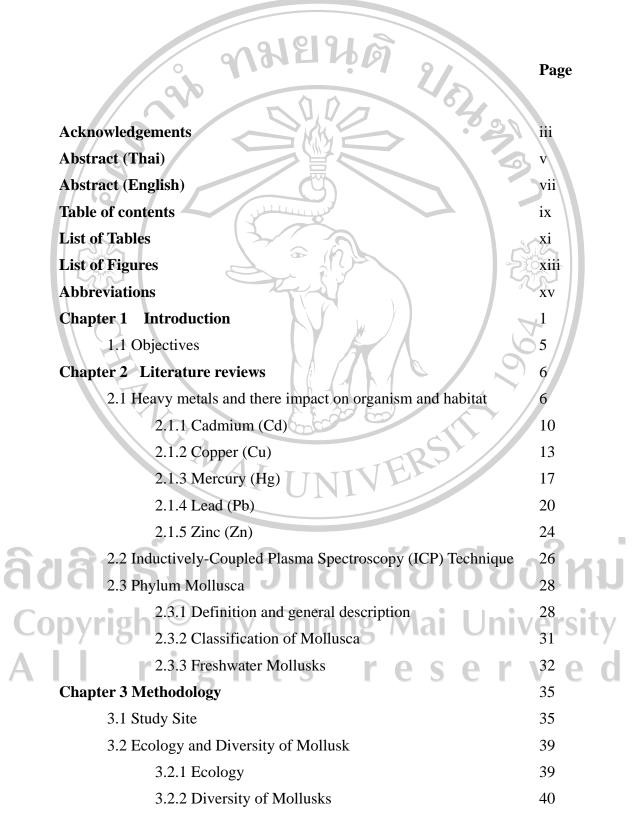


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ABBREVIATIONS

AARL Applied Algal Research Laboratory Ab Absorbance BOD **Biochemical Oxygen Demand BSA Bovine Serum Albumin** ddH₂O double distilled water DO **Dissolved** Oxygen dw dry weight EST Esterase gram per kilogram g/kg GOT Glutamate Oxaloacetate ICP Inductively-Coupled Plasma Spectroscopy **ICP-OES** ICP optical emission spectrometry LOD Limit of Detection Malic Enzyme ME mg/kg milligram per kilogram milligram per litre mg/L ng/m³ nanogram per cubic meter OD **Optical Density** PC Physical and Chemical SEM Scanning Electron Microscope Transmission Electron Microscope TEM United States Environmental Protection Agency US EPA WSM water soluble matrix µS/cm microsemen per centimeter µg/litre milligram per litre $\mu g/m^3$ milligram per cubic meter