**TABLE OF CONTENTS** **PAGE**

**LIST OF TABLES** **PAGE**

**LIST OF FIGURES** **PAGE**

**LIST OF PLATES** **PAGE**

## LIST OF ABBREVIATIONS

| | |
|---|---|
| $A_w$ | : water activity |
| ATA | : Alimentary Toxic Aleukia |
| BET | : Brunauer-Emmett Teller |
| cfu | : colony forming units |
| $cfug^{-1}$ | : colony forming units per gram |
| $CCL_4$ | : carbon tetrachloride |
| CDA | : Czapek-dox agar |
| $CHCL_3$ | : chloroform |
| $CO_2$ | : carbon dioxide |
| °C | : degree Celcius |
| ERH | : Equilibrium relative humidity |
| g | : grams |
| HPLC | : High Performance Liquid Chromatography |
| hrs | : hours |
| IARC | : International Agency for Research on Cancer |
| ICMSF | : International Commission on Microbiological Specification for Foods |
| $KNO_3$ | : potassium nitrate |
| $LC_{50}$ | : fifty percent lethal concentration |
| MARDI | : Malaysian Agricultural Research and Development Institute |
| MEA | : Malt extract agar |
| $\mu gg^{-1}$ | : microgram per gram |
| $\mu gkg^{-1}$ | : microgram per kilogram |
| $\mu gml^{-1}$ | : microgram per millilitre |
| µl | : microlitre |
| µm | : micrometre |
| mins | : minutes |
| $mgml^{-1}$ | : milligram per millilitre |
| $mlmin^{-1}$ | : millilitre per minute |
| mm | : millimetre |
| $mmday^{-1}$ | : millimetre per day |
| $(NH_4)SO_4$ | : ammonium sulphate |
| $O_2$ | : oxygen |
| PDA | : Potato dextrose agar |
| S.E. | : standard error |
| TFA | : Trifluoroacetic acid |
| U.S.A. | : United States of America |
| Vps | : vapour pressure of water in food |
| Vpw | : vapour pressure of pure water |
| WHO | : World Health Organisation |