

## LIST OF ABBREVIATIONS USED IN THIS VOLUME

**AA-I:** aristolochic acid I  
**AA-II:** aristolochic acid II  
**ABS:** acrylonitrile–butadiene–styrene  
**ACGIH:** American Conference of Governmental Industrial Hygienists  
**AESGP:** Association of the European Self-Medication Industry  
**AFAR:** aflatoxin aldehyde reductase  
**AFB:** B aflatoxins  
**AFB<sub>1</sub>:** aflatoxin B<sub>1</sub>  
**AFG:** G aflatoxins  
**AFM<sub>1</sub>:** aflatoxin M<sub>1</sub>  
**AFP<sub>1</sub>:** aflatoxin P<sub>1</sub>  
**AIN:** American Institute of Nutrition  
**anti-HBc:** antibody to hepatitis B core antigen  
**anti-HBs:** antibody to HBsAg  
**AOAC:** Association of Official Analytical Chemists  
**AP/AT:** atmospheric pressure/ambient temperature  
**APCI:** atmospheric pressure chemical ionization  
**AR:** aldehyde reductase  
**AUC:** area under the curve  
**a<sub>w</sub>:** water activity  
**BASE:** Building Assessment Survey and Evaluation  
**CAM:** complementary and alternative medicine  
**CBI:** covalent binding index  
**CDSL:** Commission on Dietary Supplement Labels  
**CHN:** Chinese herb nephropathy  
**CI:** confidence interval  
**CNS:** central nervous system  
**CPA:** cyclopiazonic acid  
**CZE:** capillary zone electrophoresis  
**dA:** deoxyadenosine  
**dAMP:** deoxyadenosine 5'-monophosphate  
**dTMP:** deoxythymidine 5'-monophosphate  
**dCMP:** deoxycytidine 5'-monophosphate  
**dG:** deoxyguanosine

**DGAL:** Direction Générale de l'Alimentation  
**DGCCRF:** Direction Générale de la Concurrence, de la Consommation et de la Répression des Fraudes  
**DMDTC:** dimethyldithiocarbamate  
**DMSO:** dimethyl sulfoxide  
**DSHEA:** Dietary Supplements Health and Education Act  
**EC:** European Commission  
**ELEM:** equine leukoencephalomalacia  
**ELISA:** enzyme-linked immunosorbent assay  
**EMA:** European Agency for the Evaluation of Medicinal Products  
**EN:** European norm  
**EQL:** estimated quantitation limit  
**ESCP:** European Scientific Cooperative on Phytotherapy  
**ETS:** environmental tobacco smoke  
**EU:** European Union  
**FAO:** Food and Agriculture Organization  
**FB<sub>1</sub>:** fumonisin B<sub>1</sub>  
**FD:** fluorescence detection  
**FDA:** Food and Drug Administration  
**FID:** flame ionization detection  
**FT-IR:** Fourier transform infrared detection  
**GAP:** good agriculture practice  
**GC:** gas chromatography  
**GEMS:** Global Environment Monitoring System  
**GF:** growth factor  
**GPA:** glycophorin A  
**Gpt:** guanine phosphoribosyl transferase  
**GRAS:** generally recognized as safe  
**GSH:** (reduced) glutathione  
**GST:** glutathione *S*-transferase  
**GSTP:** placental glutathione *S*-transferase  
**HACCP:** hazard analysis: critical control point  
**HBsAg:** hepatitis B (virus) surface antigen  
**HBV:** hepatitis B virus  
**HCC:** hepatocellular carcinoma  
**HCV:** hepatitis C virus  
**HFB<sub>1</sub>:** hydrolysed fumonisin B<sub>1</sub>  
**HFB<sub>2</sub>:** hydrolysed fumonisin B<sub>2</sub>  
**HGF:** hepatocyte growth factor  
**HP/HT:** high pressure/high temperature  
**HPB:** Health Protection Branch  
**HPLC:** high-performance liquid chromatography

**HPRT:** hypoxanthine guanine phosphoribosyl-transferase  
**IC:** immunoaffinity column  
**IR:** insecticide-resistant  
**IS:** insecticide-susceptible  
**ISO:** International Organization for Standardization  
**JECFA:** Joint FAO/WHO Expert Committee on Food Additives  
**L&H:** malignancies of the lymphatic and haematopoietic tissues  
**LC:** liquid chromatography  
**LOH:** loss of heterozygosity  
**MAFF:** Ministry of Agriculture, Fisheries and Food  
**MAK:** maximum workplace concentration (German)  
**MC:** microcolumn  
**MCC:** Medicines Control Council  
**mf:** *Macaca fascicularis*  
**MFC:** multifunctional column  
**MHV:** Woodchuck (*Marmota*) hepatitis virus  
**MHW:** Ministry of Health and Welfare  
**ML:** maximum level  
**MS:** mass spectrometry  
**NADPH:** nicotinamide-adenine dinucleotide phosphate (reduced form)  
**NAESCO:** National Association of Energy Service Companies  
**NAPRALERT:** NATural PRoducts ALERT  
**NCI:** National Cancer Institute  
**NHATS:** National Human Adipose Tissue Survey  
**NHI:** National Health Insurance  
**NIH:** National Institutes of Health  
**OR:** odds ratio  
**OSHA:** Occupational Safety and Health Administration  
**OTC:** over-the-counter  
**OTD:** Oregon Test Diet  
**OV:** *Opisthorchis viverrini*  
**PC:** phosphatidylcholine  
**PCR:** polymerase chain reaction  
**PE:** phosphatidylethanolamine  
**PEL:** permissible exposure level  
**PGE<sub>1</sub>:** prostaglandin E<sub>1</sub>  
**PGE<sub>2</sub>:** prostaglandin E<sub>2</sub>  
**PHC:** primary hepatocellular carcinoma  
**PHP:** piperidinohydroxypropyl  
**PID:** photoionization detection  
**PLA<sub>2</sub>:** phospholipase A<sub>2</sub>  
**PLC:** primary liver cancer

**PMTDI:** provisional maximum tolerable daily intake  
**PTWI:** provisional tolerable weekly intake  
**p-yr:** person–years  
**REL:** recommended exposure level  
**RFLP:** restriction fragment length polymorphism  
**RR:** relative risk  
**Sa/So:** free sphinganine/free sphingosine  
**Sa:** free sphinganine  
**SAN:** styrene–acrylonitrile  
**SBR:** styrene–butadiene rubber  
**SIS:** school intervention studies  
**SM:** sphingomyelin  
**SMase:** sphingomyelinase  
**SMR:** standardized mortality ratio  
**So:** free sphingosine  
**SPIR:** standardized proportionate mortality ratio  
**SPRIA:** serum plasma radioimmunoassay  
**SSCP:** single-strand conformation polymorphism  
**STEL:** short-term exposure limit  
**STORET:** STOrage and RETrieval  
**TGA:** Therapeutic Goods Administration (Australia)  
**TGF:** transforming growth factor  
**TLC:** thin-layer chromatography  
**TLV:** threshold limit value  
**TNF:** tumour necrosis factor  
**UNEP:** United Nations Environment Programme  
**UV:** ultraviolet detection  
**w/v:** weight/volume  
**w/w:** weight/weight  
**WHO:** World Health Organization