

Toxicological Abbreviations

AA	activation analysis; atomic absorption
AAF	acetylaminofluorene
AAPCC	American Association of Poison Control Centers
AAS	atomic absorption spectrophotometry
ABS	acrylonitrile-butadiene-styrene
ACE	angiotensin-converting enzyme
ACGIH	American Conference of Governmental Industrial Hygienists
ACh	acetylcholine
AChE	acetylcholinesterase
AcP	acid phosphatase
ACTH	adrenocorticotrophic hormone
AD	Alzheimer's disease
ADH	alcohol dehydrogenase; anti-diuretic hormone
ADI	acceptable daily intake
ADP	adenosine diphosphate
AEP	auditory evoked potential
AES	atomic emission spectroscopy
AFID	alkali flame ionization detection
Ah	aromatic hydrocarbon
AHH	aryl hydrocarbon hydroxylase
ai	active ingredient
AIDS	acquired immune deficiency syndrome
AIN	acute interstitial nephritis
ALA	aminolevulinic acid
ALAD	² -aminolaevulinic acid dehydratase
ALAS	o-aminolevulinic acid synthetase
ALAT	alanine aminotransferase
ALC	approximate lethal concentration
ALD	approximate lethal dose
ALMS	atomic line molecular spectrometry
ALT	alanine aminotransferase
AM	alveolar macrophages
AMP	amperometric titration
AMPA	aminomethylphosphonic acid
ANTU	alpha-naphthylthiourea
AP	alkaline phosphatase
APDM	aminopyrine-N-demethylase
APP	ammonium polyphosphate

AQG Air Quality Guidelines
ARF acute renal failure
ARL acceptable or tolerable residue limit
ART alternate reproductive test
ASAT aspartate aminotransferase
ASV anodic stripping voltametry
ATA alimentary toxic aleukia
ATH alumina trihydrate
ATPase adenosine triphosphatase
AUC area under the curve
AWI acceptable or tolerable weekly intake

B bursa-dependent
BA 2-bromoacrolein
BAER brainstem auditory-evoked response
BAF bioaccumulation factor
BAL bronchoalveolar lavage
BBB blood-brain barrier
BBPP bis(2,3-dibromopropyl) phosphate
BCF bioconcentration factor
BEA 2-bromoethylamine
BEI biological exposure index
BEN Balkan endemic nephropathy
BGG bovine gammaglobulin
BHA butylated hydroxyanisole
BHK baby hamster kidney
BIC butyl isocyanate
BMAA beta-N-methylamino-L-alanine
BMD benchmark dose (US EPA)
BMF biomagnification factor
BOAA beta-N-oxalylamino-L-alanine
BOD biochemical oxygen demand
BP benzo[a]pyrene
BSA bovine serum albumin
BSP bromosulfophthalein
BUB 2-(3-butylureido)benzimidazole
BUN blood urea nitrogen
bw body weight

CA	chrysanthemic acid
CALLA	common acute lymphoblastic leukaemia antigen
cAMP	cyclic adenosine monophosphate
CAS	Chemical Abstracts Service
CBF	cerebral blood flow
CC	critical concentration
CCFA	Codex Committee on Food Additives (see definition of Codex Alimentarius Commission)
CCPR	Codex Committee on Pesticide Residues
CCTTE	Computerized Listing of Chemicals Being Tested for Their Toxicological Effects (IPCS/IRPTC)
CD	cluster of differentiation; coulometric detection
cDNA	complementary DNA
CE	capillary electrophoresis
CEC	Commission of the European Communities
CEFIC	European Council of Chemical Industry Federations
CFC	chlorofluorocarbon
cGMP	cyclic guanosine monophosphate
ChE	cholinesterase
CHO	Chinese hamster ovary
Ci	curie(s)
CI	confidence interval
CIN	chronic interstitial nephritis
CKSCC	cystic keratinizing squamous cell carcinoma
Cl ₂ CA	3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylic acid
CLD	chemiluminescence nitrogen detector
CLM	chemiluminescence method
CLV	ceiling value
CMI	cell-mediated immunity
CML	cell-mediated lympholysis
CNS	central nervous system
COD	chemical oxygen demand
CO-Hb	carboxyhaemoglobin
COPD	chronic obstructive pulmonary disease
COT	Committee on Toxicity (United Kingdom)
cP	centipoise(s)
CP	coproporphyrins
CPA	cyclopropane carboxylic acid
CPK	creatine phosphokinase
CRMs	certified reference materials
CSF	cerebrospinal fluid

CSM	Committee on Safety of Medicines (United Kingdom)
CT	computerized tomography
cv	coefficient of variation
2,4-D	2,4-dichlorophenoxyacetic acid
DAB	4-dimethylaminobenzene
DABA	L-2,4-diaminobutyric acid
DBCP	1,2-dibromo-3-chloropropane
DBP	di-n-butyl phthalate; 2,3-dibromopropanol
DBT	dibutyltin
DCB	dichlorobenzene
DCVC	S-(1,2-dichlorovinyl)-L-cysteine
DDC	diethyldithiocarbamate
DDT	dichlorodiphenyltrichloroethane
DEHP	diethylhexyl phthalate
DEN	diethylnitrosamine
DES	diethylstilbestrol
DFB	diflubenzuron
DFP	diisopropylfluorophosphate (a delayed neurotoxic)
DHPN	N-bis(2-hydroxypropyl) nitrosamine
DiBP	di-iso-butyl phthalate
DIDT	5,6-dihydro-3H-imidazo (2,1-C)-1,2,4-dithiazole-3-thione
DIT	diiodotyrosine
DL	detection limit
DMA	dimethylamine
DMBA	dimethylbenzathraline
DMF	dimethylformamide
DMP	dimethylphenol
DMSO	dimethyl sulfoxide
DNA	deoxyribonucleic acid
DNCB	dinitrochlorobenzene
DNPH	2,4-dinitrophenyl hydrazine
DOC	dissolved organic carbon
DPASV	differential pulse anodic stripping voltametry
DPTA	diaminopropanoltetraacetic acid
DT ₅₀	degradation time for 50% of a compound
DTPA	diethylenetriamine pentaacetic acid

EBDC	ethylene bisdithiocarbamate
EBK	ethyl n-butyl ketone
EC	effective concentration;electron capture;emulsifiable concentrate
EC ₅₀	median effective concentration
ECD	electron capture detection
ECETOCE	European Chemical Industry Ecology and Toxicology Centre
ECG	electrocardiogram
ECMO	extracorporeal membrane oxidation
ECOD	7-ethoxycoumarin-o-deethylase
EDA	ethylenediamine;exploratory data analysis
EDB	1,2-dibromoethane (ethylene dibromide)
EDCF	endothelial-derived contracting factor
EDI	ethylene diisothiocyanate
EDL	electrode discharge lamp
EDTA	ethylenediaminetetraacetic acid
2-EE	2-ethoxyethanol
2-EEA	2-ethoxyethyl acetate
EEC	European Economic Community;electroencephalograph
EEG	electroencephalogram
EGF	epidermal growth factor
EH	epoxide hydratase
EHC	Environmental Health Criteria
EI	electron impact
EIFAC	European Inland Fisheries Advisory Commission of FAO
ELISA	enzyme-linked immunosorbent assay
EMDI	estimated maximum daily intake
EMG	electromyography
EMTD	estimated maximum tolerated dose
ENG	electroneurography
ENL	erythema nodosum leprosum
ENU	ethylnitrosourea
EP	electrophoresis
EPA	Environmental Protection Agency (USA)
EPDM	ethylene propylene rubber
EPI	exposure/potency index
EPS	expandable polystyrene
EQC	external quality control
EQT	environmental quality target
ERL	extraneous residue limit
EROD	7-ethoxyresurofin-o-deethylase
ESCA	electron spectroscopy for chemical analysis

ESR	erythrocyte sedimentation rate
ESRD	end-stage renal disease
ETA	electrothermal atomization
ETD	ethylene bistiuram disulfide
ETG	epidermal transglutaminase
ETU	ethylenethiourea
ETV	electrothermal vaporization
EU	ethyleneurea
F ₀	parental generation
F ₁	filial generation, first
F ₂	filial generation, second
FAA	flameless atomic absorption
FACS	fluorescence activated cell sorter
FAD	flavin adenine dinucleotide
FAO	Food and Agriculture Organization
FCAT	Freund's complete adjuvant test
f.c.	Field capacity
FD	fluorescence detection
FDA	Food and Drug Administration (USA)
FEF	forced expiratory flow
FEP	free erythrocyte porphyrin
FEV	forced expiratory volume
fg	femtogram (10 ⁻¹⁵ g)
FI	flame ionization
FID	flame ionization detector
FMLP	formyl methionyl leucyl phenylalanine
FMN	flavin mononucleotide
FOB	functional observational battery
FPD	flame photometric detector
FR	flame retardant
FS	fluorescence spectrophotometry
FSC	Food Safety Council (USA)
FSD	flame photometric detector selective for sulfur
FSH	follicle-stimulating hormone
FTIR	Fourier transform infrared
FVC	forced vital capacity

GA	gibberillic acid
GABA	gamma-aminobutyric acid
GAG	glycosaminoglycan
GALT	gut-associated lymphoid tissue
GAP	good agricultural practice
GBM	glomerular basement membrane
GC	gas chromatography
GC-ECD	gas chromatography with electron capture detector
GC-SIM	gas chromatography with selected ion monitoring
GDH	glutamate dehydrogenase
GDMS	glow discharge mass spectrometry
GEMS	Global Environmental Monitoring System
GESAMP	Group of Experts for the Scientific Aspects of Marine Pollution
GFAAS	graphite furnace atomic absorption spectrometry
GFR	glomerular filtration rate
GGT	gamma-glutamyltranspeptidase
GH	growth hormone
GI	gastrointestinal
GIFAP	International Group of National Association of Manufacturers of Agrochemical Products (French Acronym for: Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques)
GLC	gas-liquid chromatography
GLDH	glutamate dehydrogenase
GLP	good laboratory practice
cGMP	cyclic guanosine monophosphate
GOT	glutamic-oxaloacetic transaminase
GPC	gel permeation chromatography
GPMT	guinea-pig maximization test
GPT	glutamic-pyruvic transaminase
GS	glutamine synthetase
GSH	glutathione-SH
GST	glutathione-S-transferase
GTB	glomerular tubular balance
GV	guidance value
GWP	global-warming potential
h	hour(s)
ha	hectare
Hb	haemoglobin
HBCD	hexabromocyclododecane

HBDH hydroxybutyric dehydrogenase
H & E haematoxin and eosin
HCB hexachlorobenzene
HCBD hexachloro-1,3-butadiene
HCFC hydrochlorofluorocarbon
HCFH-22 chlorodifluoromethane (CHClF₂)
HCG human chorionic gonadotropin
HCH hexachlorocyclohexane
HDL high density lipoprotein
HDPE high density polyethylene
HEAL Human Exposure Assessment Location
HECD Hall electron capture detector
HEV high endothelial venule
HEX hexachlorocyclopentadiene
HGPRT hypoxanthine-guanine phosphoribosyltransferase
HIPS high impact polystyrene
HIV human immunodeficiency virus
HLB hydrophilic-lipophilic balance
HLV hygienic limit value
hnRNA heterogeneous nuclear RNA
HPCA human progenitor cell antigen
HPI cyclohexane-1,2-dicarboximide
HPLC high-performance liquid chromatography
HPTLC high-performance thin-layer chromatography
HQ hydroquinone
HS headspace
HSA heat-stable antigen;human serum albumin
HSG Health and Safety Guide

IARC International Agency for Research on Cancer
IC ion chromatography
ICAM intercellular adhesion molecule
IC₅₀ median inhibitory concentration
ICD International Classification of Diseases
ICG indocyanine green
ICP inductively coupled plasma
ICST isolated cold stress testing
i.d. internal diameter
IDMS isotope dilution mass spectrometry
IFN interferon

Ig	immunoglobulin
IL	interleukin
ILO	International Labour Organisation
ILSI	International Life Science Institute
im	intramuscular
ip	intraperitoneal
IPA	isopropylamine
IPCS	International Programme on Chemical Safety
IQ	intelligence quotient
IQC	internal quality control
IR	infrared
IRPTC	International Register of Potentially Toxic Chemicals
ISO	International Organization for Standardization
IT	isomeric transition
IU	international unit
IUPAC	International Union of Pure and Applied Chemistry
iv	intravenous

JECFA	Joint FAO/WHO Expert Committee on Food Additives
JMPR	Joint FAO/WHO Meeting on Pesticide Residues

kcal	kilocalorie(s)
keV	kiloelectronvolt(s)
K _{ow}	octanol/water partition coefficient

LAP	leucine aminopeptidase
LAQL	lowest analytically quantifiable level
LC	liquid chromatography
LC ₅₀	median lethal concentration
LD ₀₁	lethal dose for 1%
LD ₅₀	median lethal dose
LDH	lactate dehydrogenase
LDL	low density lipoprotein
LDPE	low density polyethylene
LDQ	lowest detectable quantity
LEI	lifetime exposure intensity
LEV	local exhaust ventilation
Lf	limit flocculation

LFA	lymphocyte function-related antigen
LFP	lavage fluid protein
LH	luteinizing hormone
LI	labelling index
LIF	laser-induced fluorescence;leukaemia inhibitory factor
LLD	lowest lethal dose
LMS	linear multistage model
LMW	low molecular weight
LOAEL	lowest-observed-adverse-effect level
LOD	limit of determination
LOEL	lowest-observed-effect level
LRNI	lower reference nutrient intake (UK)
LSC	liquid scintillation counter
LT ₅₀	median lethal time
LTP	long-term potentiation
MAA	methoxyacetic acid
MAC	maximum allowable concentration
MAD	maximum allowable deviation
MAFF	Ministry of Agriculture, Forestry and Fisheries (Japan)
MAK	maximum workplace concentration (Maximale Arbeitsplatzkonzentration)
MALT	mucosa-associated lymphoid tissue
MAM	methylazoxymethanol
MAP	mutagenic activity profile
MAOI	monoamine oxidase inhibitor
MARC	Monitoring and Assessment Research Centre (UK)
MARE	monoclonal anti-rat immunoglobulin E
MAS	molecular absorption spectrometry
MAT	mean absorption time
MATC	maximum acceptable toxicant concentration
MBC	minimum bactericidal concentration
MBDE	mass balance differential equation
MBK	methyl n-butyl ketone
MBP	monobutyl phthalate
MBT	monobutyltin
MC	methyl chloroform
3-MC	3-methylcholanthrene
MCD	microcoulometric detection
MCH	mean cell haemoglobin
MCHC	mean cell haemoglobin concentration

mCi	millicurie
MCL	melanotic cell lines
MCPA	4-chloro-o-tolyoxyacetic acid
MCV	mean cell volume
MDA	malondialdehyde
MDI	methylene-diphenyl diisocyanate
MDMA	methylenedioxyamphetamine
2-ME	2-methoxyethanol
2-MEA	2-methoxyethyl acetate
MeB ₁₂	methylcobalamin
MED	minimum effective dose;minimal erythematol dose
MEHP	monoethylhexyl phthalate
MEK	methyl ethyl ketone
mEq	milliequivalent
MeV	megaelectronvolt(s)
MFO	mixed-function oxidase
MHC	major histocompatibility complex
MHW	Ministry of Health and Welfare (Japan)
MIBK	methyl isobutyl ketone
MIC	minimal inhibitory concentration
MIT	methylisothiocyanate; moniodotyrosine
MLD	minimum lethal dose
MLR	mixed lymphocyte response assay
MLSS	mixed liquor suspended solids
MMA	methoxyacetic acid
MMAD	mass median aerodynamic diameter
MMH	monomethylhydrazine
mmHg	millimetre(s) of mercury
MMMF	man-made mineral fibre
MNNG	N-methyl-N -nitro-N-nitrosoguanidine
MNU	N-methyl-N-nitrosurea
mPa	millipascal (7.5 x 10 ⁻⁶ mmHg)
MPC	maximum permissible limit
MQL	minimum quantifiable limit
MRBIS	mean running bias index score
MRL	maximum residue limit
mRNA	messenger RNA
MRVIS	Mean Running Variance Index Score
MS	mass spectrometry
MSD	mass selective detection
MSW	municipal solid waste

MTBE	methyl tertiary butyl ether
MTC	maximum tolerable or acceptable concentration
MTD	maximum tolerated dose
MTE	mild toxic encephalopathy
MTI	N-(hydroxymethyl)-3,4,5,6-tetrahydrophthalamide
NAA	neutron activation analysis
NAC	N-acetyl cysteine
NAD	nicotinamide adenine dinucleotide
NADP	nicotinamide adenine dinucleotide phosphate
NADPH	reduced nicotinamide adenine dinucleotide phosphate
NBU	N-nitrosobutylurea
NCAM	neural cell adhesion molecule
NCI	National Cancer Institute (USA);negative ion chemical ionization
NCV	nerve conduction velocity
ND	not detectable
NDDC	sodium diethyldithiocarbamate
NDMA	nitrosodimethylamine
NDMC	sodium dimethyldithiocarbamate
NEQUAS	National External Quality Assessment Scheme (UK)
NFT	neurofibrillary tangle
ng	nanogram (10 ⁻⁹ g)
NIOSH	National Institute for Occupational Safety and Health (USA)
NK	natural killer
nm	nanometer
NMCL	nonmelanolic cell lines
NMN	N-methylnicotinamide
NMOR	N-nitrosomorpholine
NMR	nuclear magnetic resonance
NNM	N-nitrosomorpholine
NO	nitrogen oxide
NOAEL	no-observed-adverse-effect level
NOEC	no-observed-effect concentration
NOEL	no-observed-effect level
NOLC	no-observed lethal concentration
NPD	nitrogen-phosphorus sensitive detector
NPSH	non-protein sulfhydryl
NSAID	non-steroidal anti-inflammatory drugs
NSD	nitrogen selective detector
NTA	nitrilotriacetic acid

NTE neuropathy target esterase
NTEL no-toxic-effect level
NTP National Toxicology Program (USA)

OCT ornithine carbamoyltransferase
ODC ornithine decarboxylase
ODP ozone-depletion potential
OECD Organisation for Economic Co-operation and Development
OEL occupational exposure limit
OER oxygen enhancement ratio
OES occupational exposure standard;optical emission spectrometry
OET open epicutaneous test
OP organophosphate
OPIDN organophosphate-induced delayed neuropathy
OR odds ratio
OSC oil-enhanced suspension concentrate
OSHA Occupational Safety and Health Administration (USA)
OVA ovalbumin
OZT oxazolidinethione

PA polyamides
PAA photon activation analysis
2-PAM chloride pralidoxine (2-pyridine aldoxime methyl) chloride
PAH p-aminohippurate; polycyclic aromatic hydrocarbon
PALS periarteriolar lymphocyte sheath
PAN peroxyacetyl nitrate;polyacrylonitrile
PAS periodic acid Schiff stain
PB phenobarbital
PBA phenoxybenzoic acid
PBalc 3-phenoxybenzyl alcohol
PBald 3-phenoxybenzaldehyde
PBB polybrominated biphenyl
PBDD polybrominated dibenzodioxin
PBDE polybrominated diphenyl ether
PBDF polybrominated dibenzofuran
PBI protein-bound iodine
PBPK physiologically based pharmacokinetics
PBT polybutylene terephthalate
PCBD S-(1,2,3,4,4-pentachloro-1,3-butadienyl)

PCDD	polychlorinated dibenzodioxin
PCDF	polychlorinated dibenzofuran
PCA	para-chloroaniline (4-chloroaniline);passive cutaneous anaphylaxis
PCB	polychlorinated biphenyl
PCBD	S-(1,2,3,4,4-pentachloro-1,3-butadienyl)
PCDD	polychlorinated dibenzo-p-dioxin
PCDF	polychlorinated dibenzofuran
PCDPE	polychlorinated diphenylether
PCE	polychromatic erythrocytes
PCOM	phase contrast optical microscopy
PCPY	polychlorinated pyrene
PCQ	polychlorinated quaterphenyl
PCT	porphyria cutanea tarda
PCV	packed-cell volume
PD	plasma desorption
PDG	phosphate-dependent glutaminase
PE	polyethylene
PEF	peak expiratory flow
PEG	pneumoencephalography
PEL	permissible exposure limit
PET	polyethylene terephthalate
PFC	plaque-forming cell
pg	picogram (10^{-12} g)
PG	prostaglandin
pH	the negative logarithm of the hydrogen ion concentration
PHF	paired helical filaments
PHS	prostaglandin-H-synthetase
PIB	piperonyl butoxide
PIC	picrotoxin
PID	photo-ionization detection
PIXE	proton-induced X-ray emission
pKa	the negative logarithm of the dissociation constant
PMBA	p-methylbenzyl alcohol
PMN	polymorphonuclear leukocyte
PMTDI	provisional maximum tolerable daily intake
PMR	proportional mortality rate
PMSG	pregnant mare serum gonadotrophin
PNS	peripheral nervous system
pO ₂	plasma partial pressure (concentration) of oxygen
POCP	photochemical ozone-creation potential
PoG	proteoglycan

POS psycho-organic syndrome
PP polypropylene
ppb parts per billion
ppm parts per million
ppt parts per trillion
PSD passive sampling device
PSPS Pesticides Safety Precautions Scheme (United Kingdom)
PT prothrombin time
PTH parathyroid hormone
PTT partial thromboplastin time
PTU propylenethiourea
PTWI provisional tolerable weekly intake
PTZ pentylenetetrazole
PVC polyvinyl chloride
PYR pyrene

QA quality assurance
QAP quality assurance programme
QC quality control
QSAR quantitative structure-activity relationship

RACB reproductive assessment by continuous breeding
RAST radioallergosorbent test
RBC red blood cell
RBP retinal binding protein
RDA recommended dietary allowance (USA)
REL recommended exposure limit
RER rough endoplasmic reticulum
RIA radio-immuno assay
RIPT repeat insult patch test
RMA reflex modification audiometry
RNA ribonucleic acid
RNI reference nutrient intake (UK)
ROC reactive organic carbon
RPN renal papillary necrosis
RR relative risk
RTECS Registry of Toxic Effects of Chemical Substances
RUBISCO ribulose 1,5-biphosphate carboxylase

S9	9000 x g supernatant
SAM	S-adenosylmethionine
SAP	serum alkaline phosphatase
SAR	structure-activity relationship
sc	subcutaneous
SC	suspension concentrate
SCE	sister chromatid exchange
SCF	stem-cell factor
SCID	severe combined immunodeficiency
SCOPE	Scientific Committee on Problems of the Environment of the International Council of Scientific Unions
SD	standard deviation
SDAT	senile dementia of Alzheimer type
SE	standard error
SEM	standard error of the mean; scanning electron microscopy
SER	smooth endoplasmic reticulum
SFC	supercritical fluid chromatography
SFS	subjective facial sensation
SGOMSEC	Scientific Group on Methodologies for the Safety Evaluation of Chemicals
SGOT	serum glutamic-oxaloacetic transaminase
SGPT	serum glutamic-pyruvic transaminase
SHE	Syrian Hamster embryo
SIM	selected ion monitoring
SIMS	secondary ion mass spectrometry
SLE	systemic lupus erythematosus
SMA	sequential multiple analyser
SMR	standardized mortality ratio
SOP	standard operating procedure
SPF	specific pathogen free
SPM	suspended particulate matter
S-PMA	S-phenyl-mercapturic acid
SRT	simple reaction time
SSB	single strand breaks
STEL	short-term exposure limit
t ₃	triiodothyronine
t ₄	thyroxine
2,4,5-	2,4,5-trichlorophenoxyacetic acid
TADI	temporary acceptable daily intake
TAN	tropical ataxic neuropathy

TAP	trialkyl/aryl phosphate
TBBPA	tetrabromobisphenol A
TBG	thyroxine-binding globulin
TBP	tributyl phosphate
TBPP	tris(2,3-dibromopropyl) phosphate
TBT	tributyltin
TBTO	tributyltin oxide
TCA	tricarboxylic acid cycle
TCD	thermal conductivity detection
TCDD	2,3,7,8-tetrachlorinated dibenzo-p-dioxin
TCDF	2,3,7,8-tetrachlorinated dibenzofuran
TCE	1,1,1-trichloroethylene
TCP	trichlorophenol; tricresyl phosphate
TCPP	tris(1-chloro-2-propyl)phosphate
TCR	T-cell receptor
TDC	thermal conductivity detection
TDI	tolerable daily intake; toluene diisocyanate
TDLAS	tuneable diode laser absorption spectrometry
TEA	tetraethyl ammonium; thermal energy analyser
TEAC	tetraethylammonium chloride
TEAM	total exposure assessment methodology
TEF	toxicity equivalency factor
TEPP	tetraethyl-pyrophosphate
TGA	thermogravimetric analysis
TH	thyroid hormone
THF	tetrahydrofolate
TI	tolerable intake
TLC	thin-layer chromatography
TLV	threshold limit value
TMCP	tri-meta-cresyl phosphate
TMDI	theoretical maximum daily intake
TML	tetramethyllead
TMRL	temporary maximum residue limit
TMT	trimethyltin
TNF	tumour necrosis factor
TOCP	tri-ortho-cresyl phosphate
TOD	total oxygen demand
TPA	12-O-tetradecanoylphorbol-13-acetate
TPCP	tri-para-cresyl phosphate
TPI	3,4,5,6-tetrahydrophthalimide
TPIA	3,4,5,6-tetrahydrophthalic acid

TPN total parenteral nutrition
TPO thyroid peroxidase
TPP triphenyl phosphate
TPTA triphenyltin acetate
TPTH triphenyltin hydroxide
tRNA transfer ribonucleic acid
TRP tubular reabsorption of phosphate
TSH thyroid-stimulating hormone (thyrotropin)
TSP total suspended particulate
TST temperature sensitivity
TT toxicity threshold
TWA time-weighted average

UCM urographic contrast medium
UCL upper confidence limit
UDP uridine diphosphate
UDPGA UDP-glucuronic acid
UDPGT UDP-glucuronosyltransferase
UDS unscheduled DNA synthesis
UF uncertainty factor
ULV ultra-low volume

UNEP United Nations Environment Programme

UNICEF United Nations Children's Fund

US ATSDR US Agency for Toxic Substance and Disease Registry

UV ultraviolet
UVB ultraviolet B

VC vinyl chloride
VCAM vascular cell adhesion molecule
VER visual evoked response
VHH volatile halogenated hydrocarbon
VLA very late antigen
VLDL very low-density lipoproteins
VOC volatile organic carbon compound
VSD virtually safe dose
VTR vibration threshold
v/v volume per volume

WAIS	Weschler Adult Intelligence Scale
WBC	white blood cell
WG	water-dispersible granule
WHO	World Health Organization
WISN	warfarin-induced skin necrosis
WP	wettable powder
w/v	weight per volume
XRF	X-ray-generated atomic fluorescence
XRFS	X-ray fluorescence spectroscopy
ZPP	zinc protoporphyrin